

H-3 SLUG 1 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: H-3

AQUIFER DATA

Saturated Thickness: 6. ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (H-3)

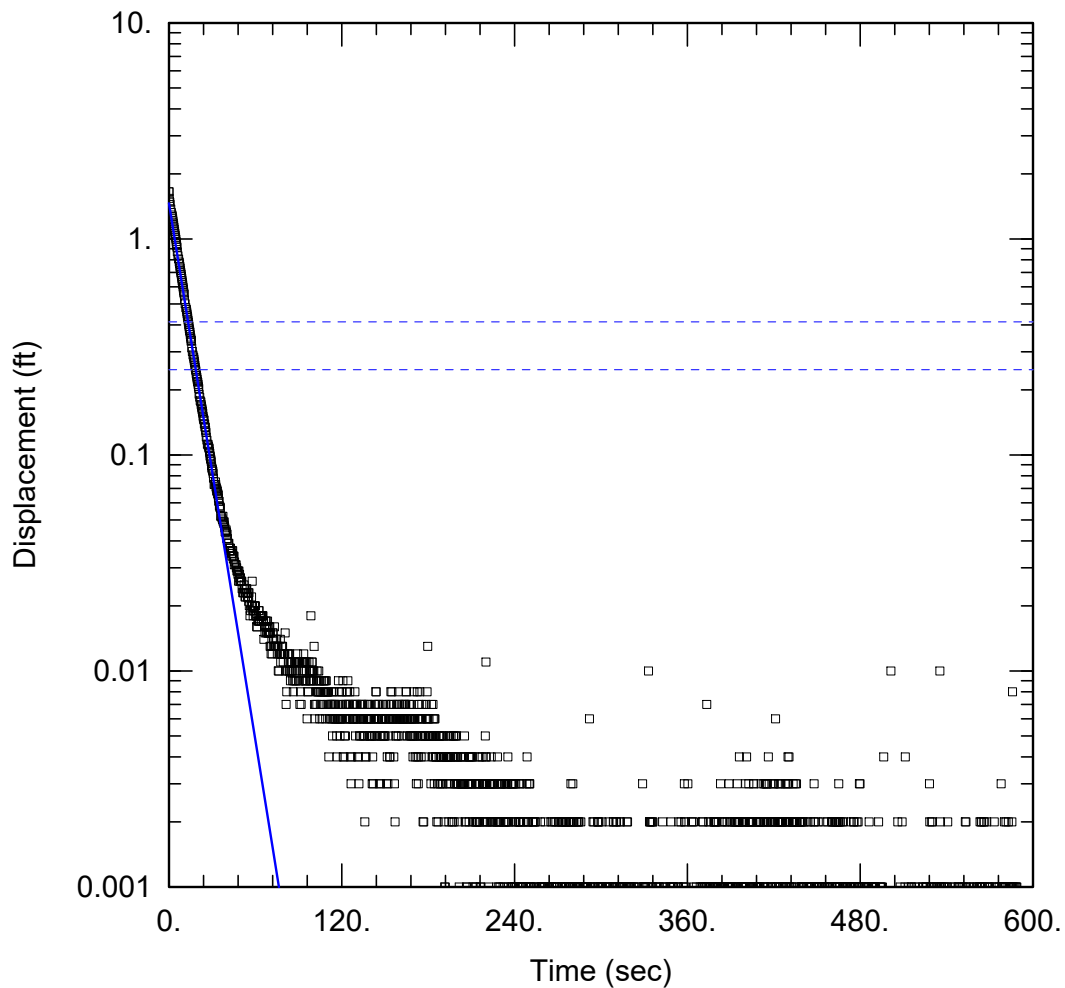
Initial Displacement: 1.764 ft                      Static Water Column Height: 24.24 ft  
 Total Well Penetration Depth: 5. ft                      Screen Length: 5. ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 1.741 ft/day                      y<sub>0</sub> = 1.088 ft







### H-9 SLUG 1 IN

#### PROJECT INFORMATION

Company: ERM  
Project: 0526033  
Location: Hayes, Louisiana  
Test Well: H-9

#### AQUIFER DATA

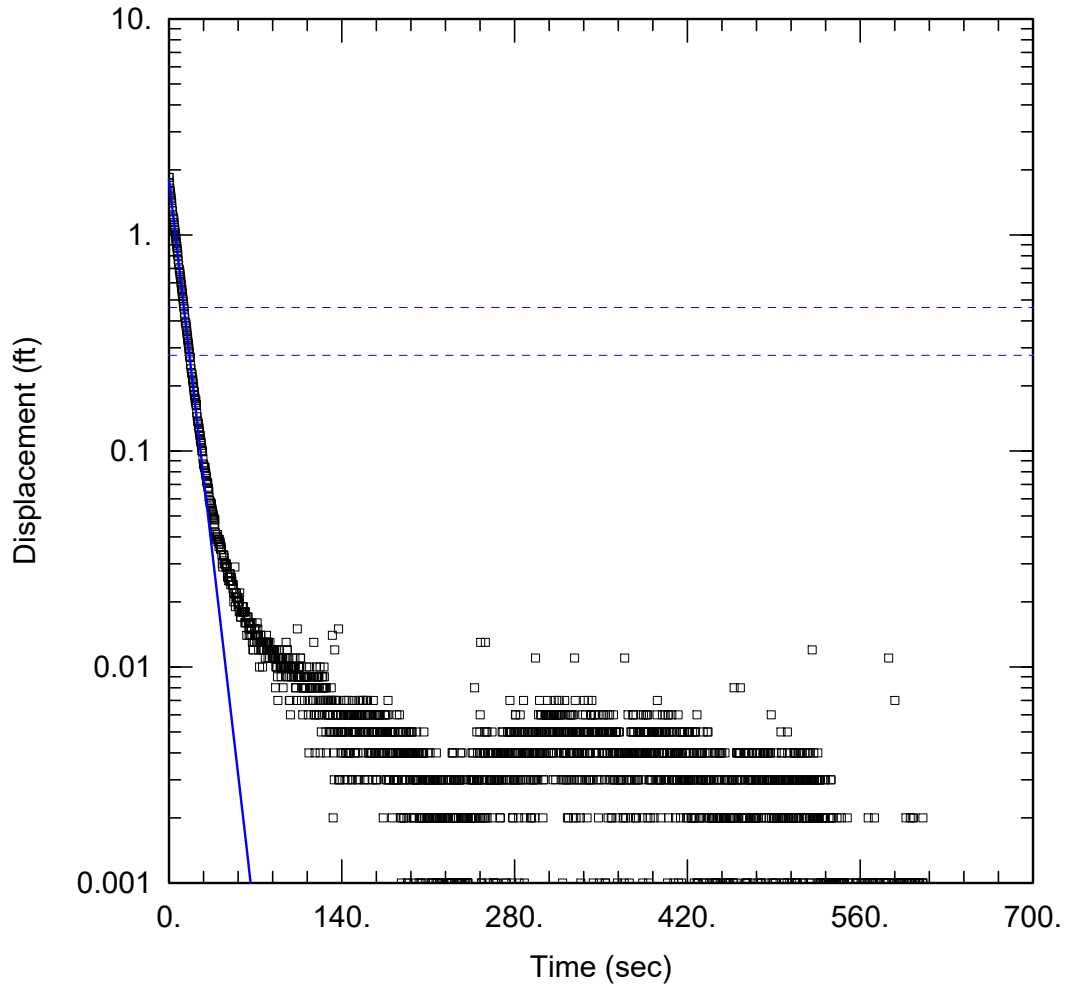
Saturated Thickness: 7. ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

#### WELL DATA (H-9)

Initial Displacement: 1.653 ft                      Static Water Column Height: 52.54 ft  
Total Well Penetration Depth: 6. ft                      Screen Length: 5. ft  
Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

#### SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 3.669$  ft/day                       $y_0 = 1.461$  ft



### H-9 SLUG 2 IN

#### PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: H-9

#### AQUIFER DATA

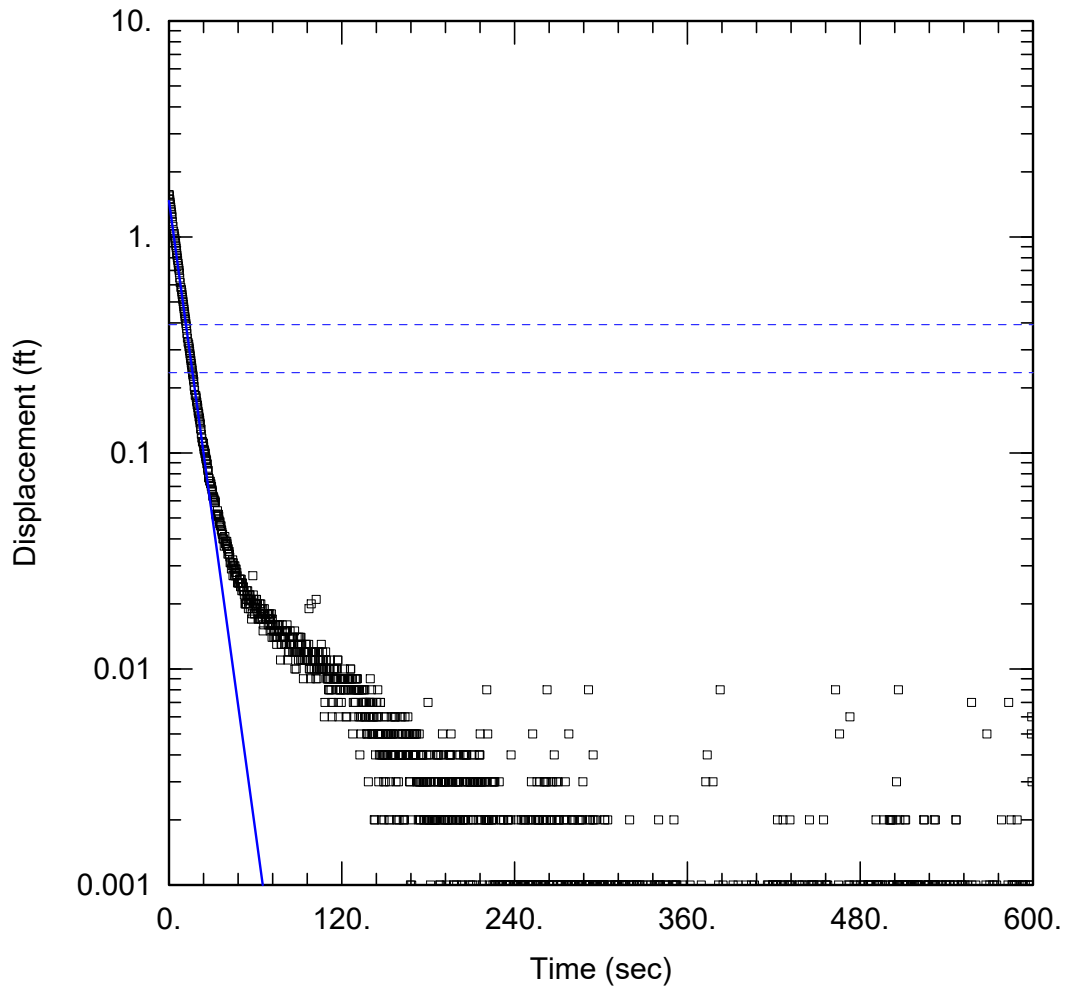
Saturated Thickness: 7. ft                      Anisotropy Ratio (Kz/Kr): 0.1

#### WELL DATA (H-9)

Initial Displacement: 1.846 ft                      Static Water Column Height: 52.54 ft  
 Total Well Penetration Depth: 6. ft              Screen Length: 5. ft  
 Casing Radius: 0.03125 ft                          Well Radius: 0.09375 ft

#### SOLUTION

Aquifer Model: Confined                              Solution Method: Hvorslev  
 K = 4.353 ft/day     $y_0 = \underline{1.799 ft}$



H-9 SLUG 3 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: H-9

AQUIFER DATA

Saturated Thickness: 7. ft                      Anisotropy Ratio (Kz/Kr): 0.1

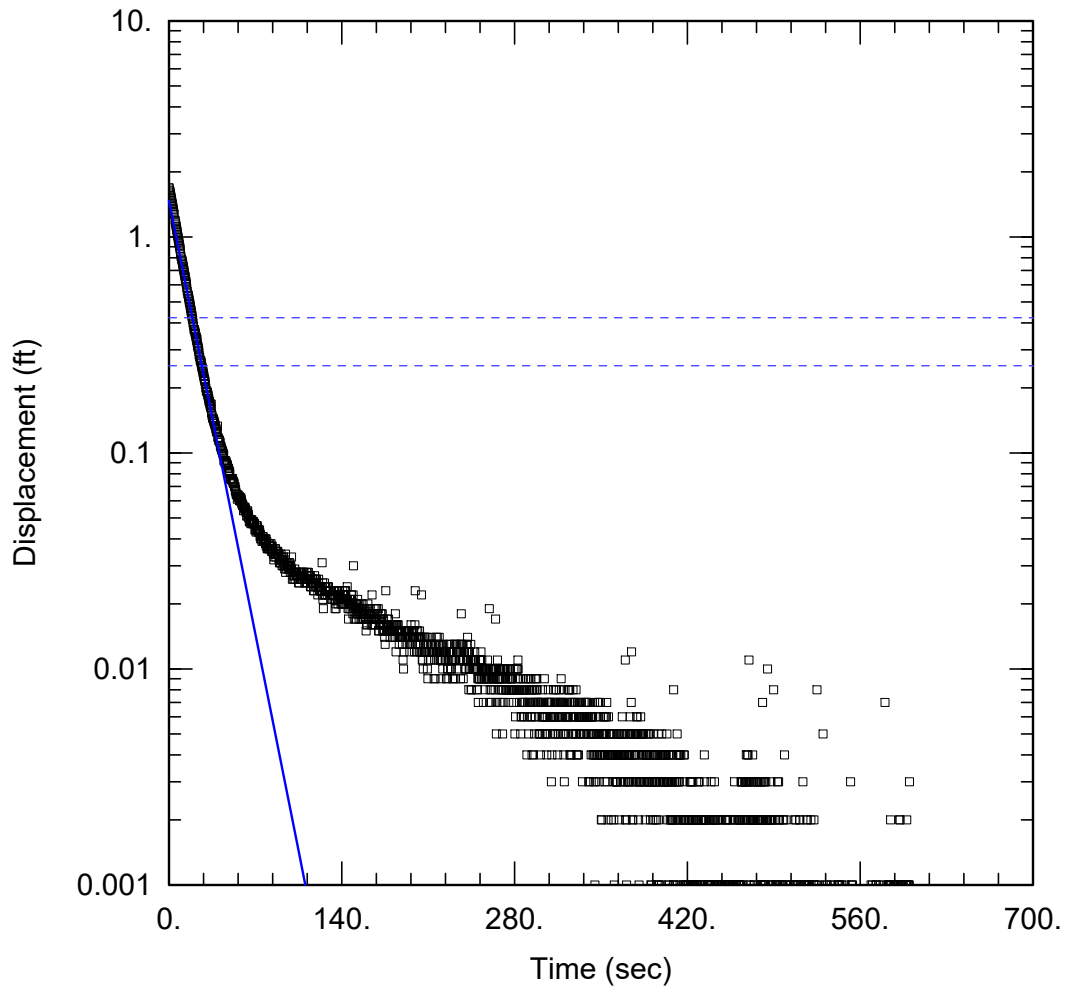
WELL DATA (H-9)

Initial Displacement: 1.569 ft                      Static Water Column Height: 52.54 ft  
 Total Well Penetration Depth: 6. ft                      Screen Length: 5. ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 4.306 ft/day                       $y_0$  = 1.466 ft





H-18 SLUG 2 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: H-18

AQUIFER DATA

Saturated Thickness: 5. ft    Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (H-18)

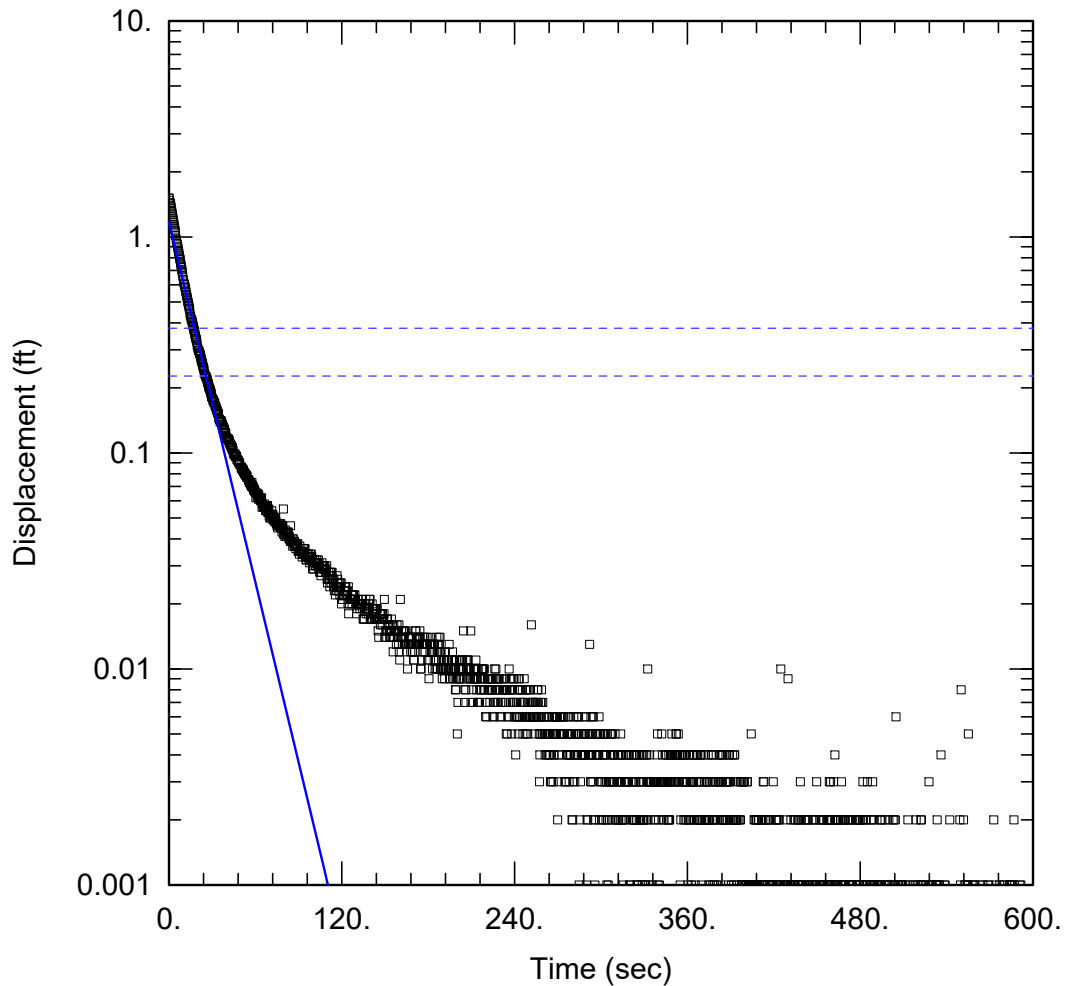
Initial Displacement: 1.688 ft    Static Water Column Height: 49.15 ft  
 Total Well Penetration Depth: 4. ft    Screen Length: 4. ft  
 Casing Radius: 0.03125 ft    Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined    Solution Method: Hvorslev  
 $K = \underline{3.463 \text{ ft/day}}$      $y_0 = \underline{1.471 \text{ ft}}$







H-20 SLUG 1 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: H-20

AQUIFER DATA

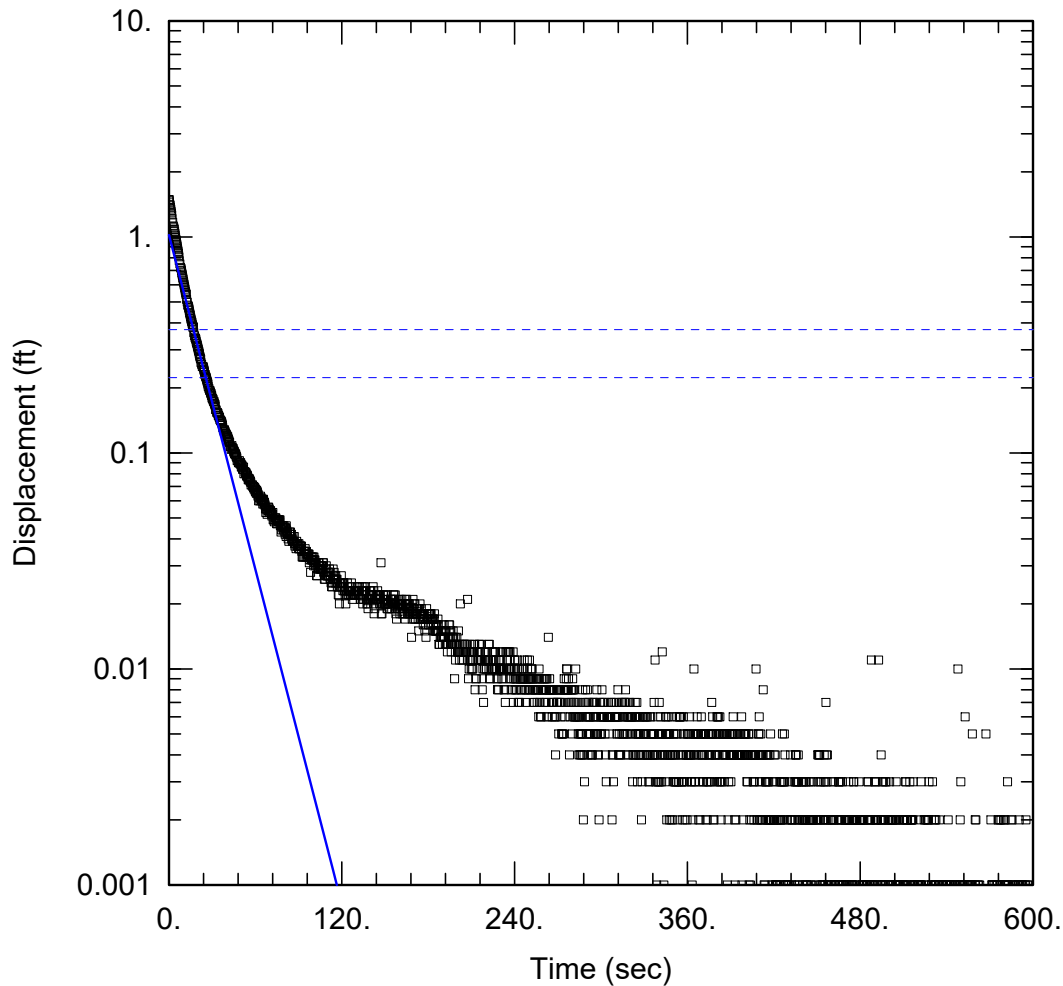
Saturated Thickness: 0.5 ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (H-20)

Initial Displacement: 1.512 ft                      Static Water Column Height: 43.48 ft  
 Total Well Penetration Depth: 0.5 ft                      Screen Length: 0.5 ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 25.42$  ft/day                       $y_0 = 1.17$  ft



### H-20 SLUG 2 IN

#### PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: H-20

#### AQUIFER DATA

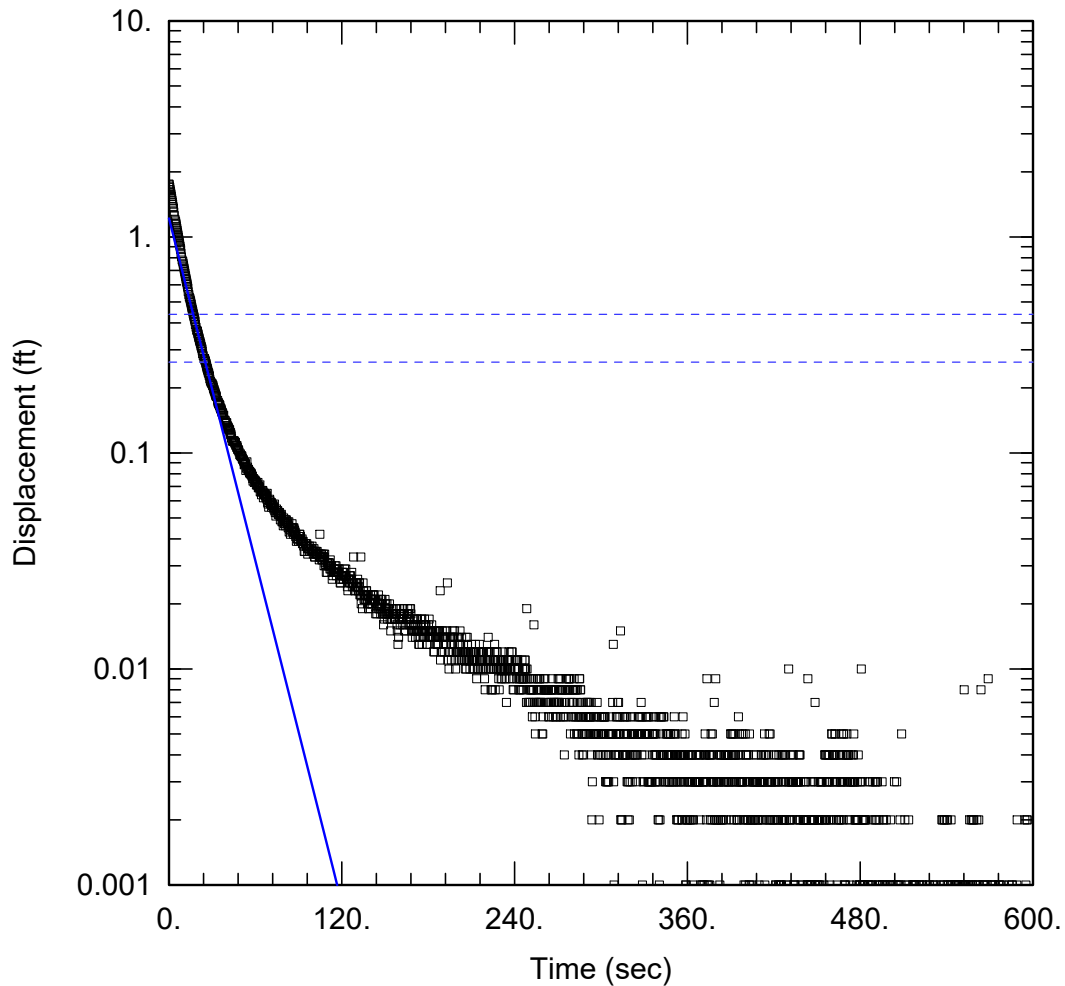
Saturated Thickness: 0.5 ft Anisotropy Ratio ( $K_z/K_r$ ): 0.1

#### WELL DATA (H-20)

Initial Displacement: 1.488 ft Static Water Column Height: 43.48 ft  
 Total Well Penetration Depth: 0.5 ft Screen Length: 0.5 ft  
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

#### SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev  
 $K =$  23.61 ft/day  $y_0 =$  1.02 ft



H-20 SLUG 3 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: H-20

AQUIFER DATA

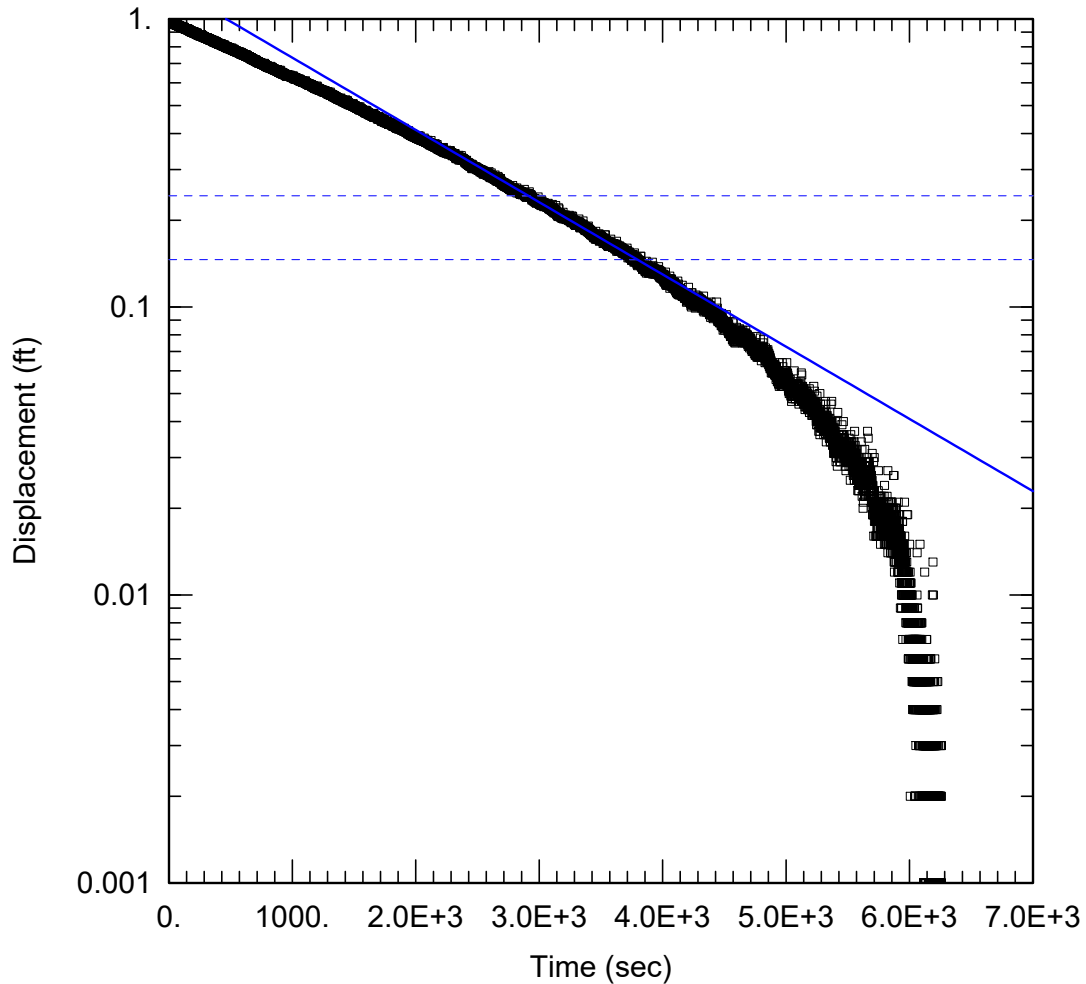
Saturated Thickness: 0.5 ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (H-20)

Initial Displacement: 1.755 ft                      Static Water Column Height: 43.48 ft  
 Total Well Penetration Depth: 0.5 ft                      Screen Length: 0.5 ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 24.17$  ft/day                       $y_0 = 1.218$  ft



H-27 SLUG 1 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: H-27

AQUIFER DATA

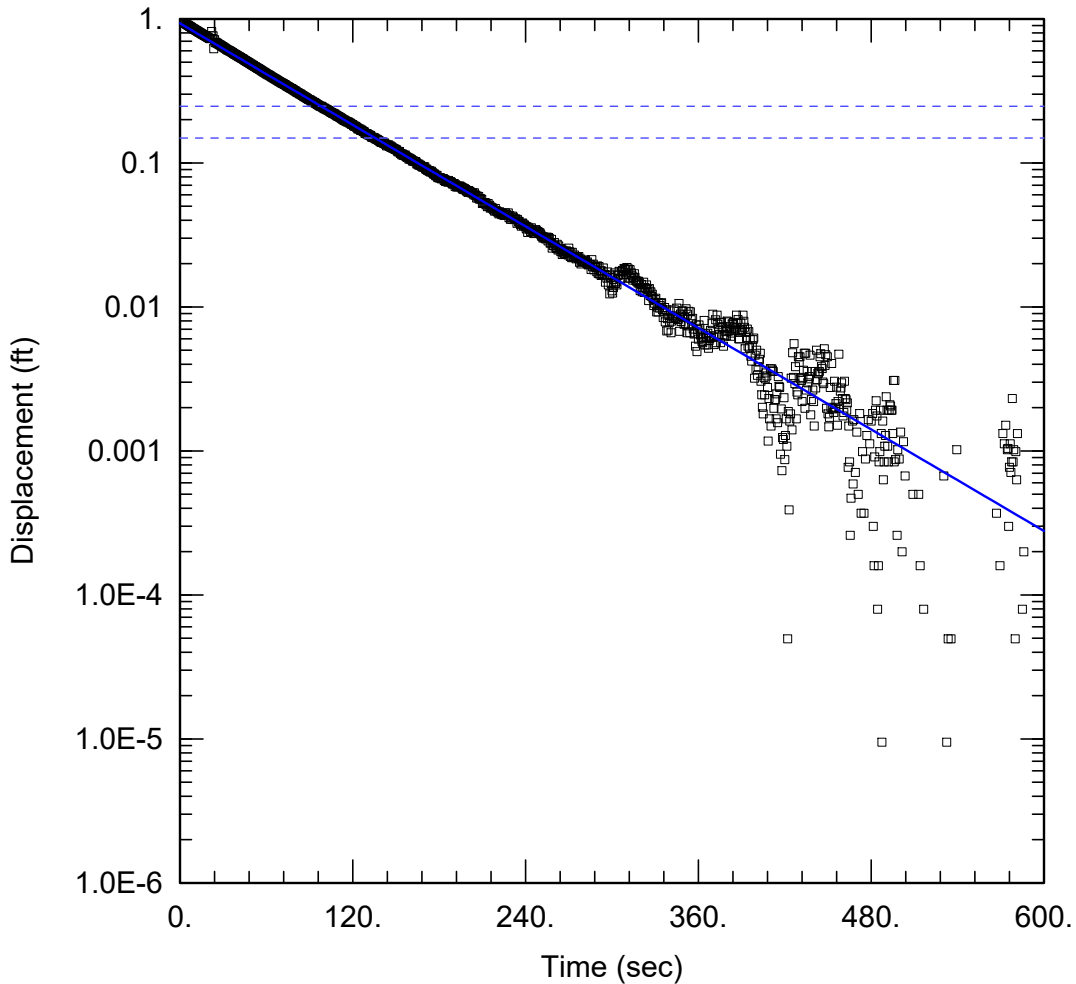
Saturated Thickness: 0.5 ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (H-27)

Initial Displacement: 0.973 ft                      Static Water Column Height: 47.44 ft  
 Total Well Penetration Depth: 0.5 ft                      Screen Length: 0.5 ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 0.2295$  ft/day                       $y_0 = 1.306$  ft



MW-1 SLUG 1 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-1

AQUIFER DATA

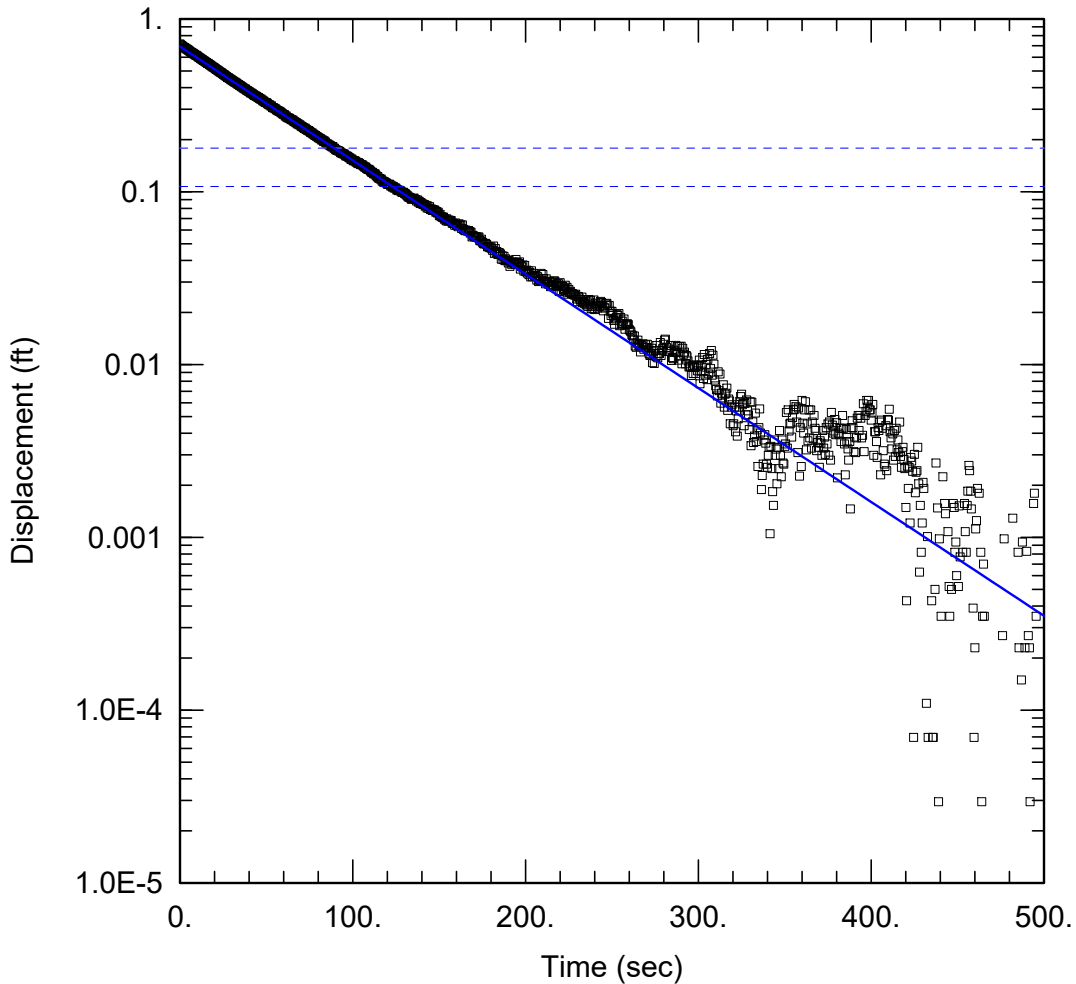
Saturated Thickness: 4. ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1)

Initial Displacement: 0.9914 ft                      Static Water Column Height: 56.43 ft  
 Total Well Penetration Depth: 4. ft                      Screen Length: 4. ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 0.6719 ft/day                      y0 = 0.9313 ft



MW-1 SLUG 1 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-1

AQUIFER DATA

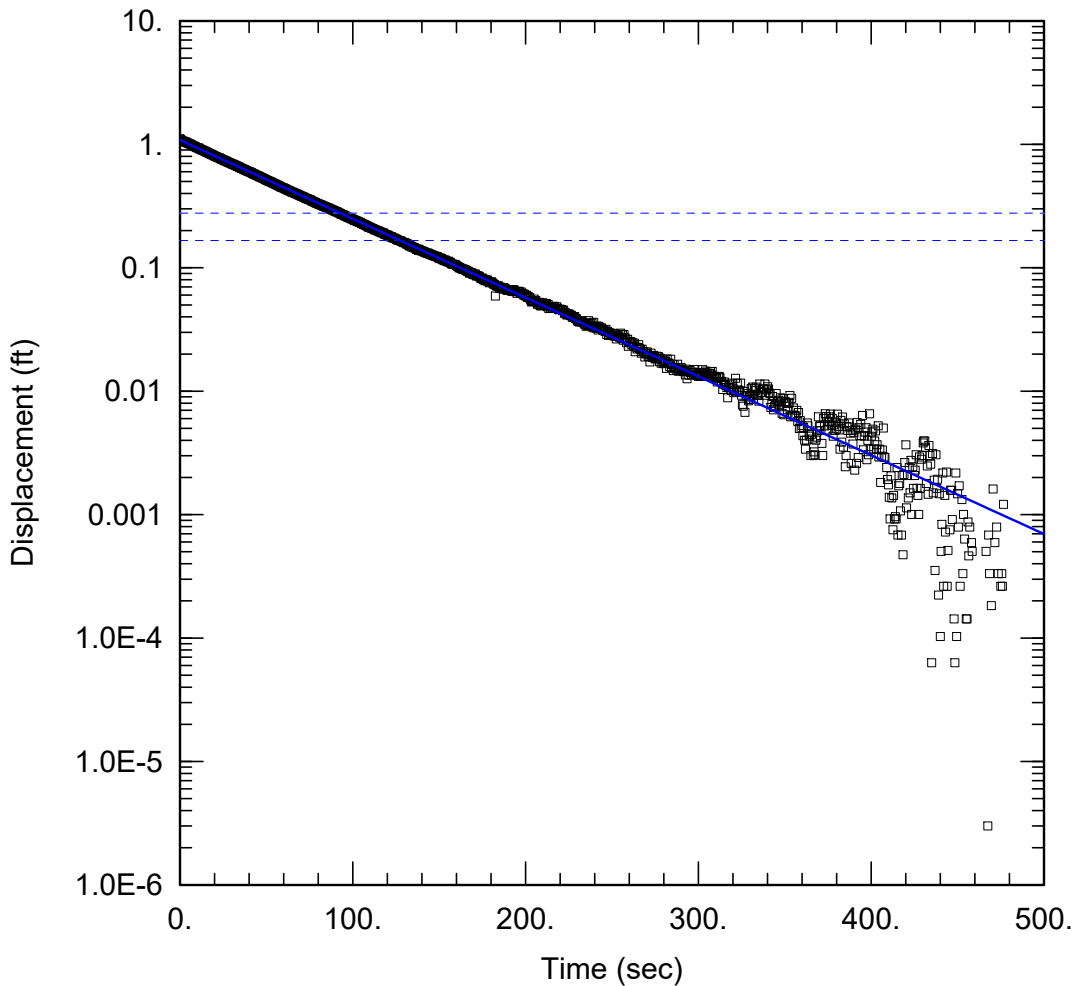
Saturated Thickness: 4. ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (MW-1)

Initial Displacement: 0.7146 ft                      Static Water Column Height: 56.43 ft  
 Total Well Penetration Depth: 4. ft                      Screen Length: 4. ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 0.7536$  ft/day                       $y_0 = 0.6921$  ft



MW-1 SLUG 2 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-1

AQUIFER DATA

Saturated Thickness: 4. ft                      Anisotropy Ratio (Kz/Kr): 0.1

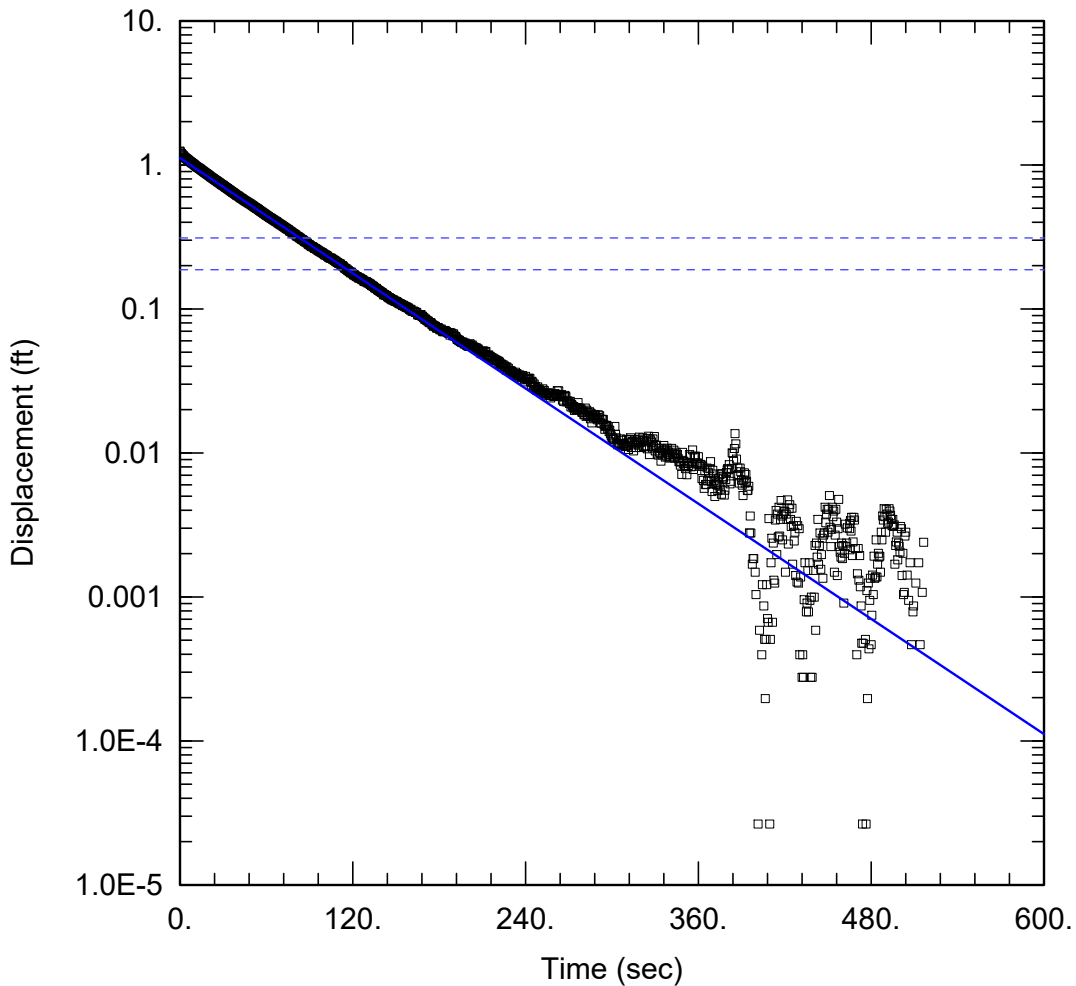
WELL DATA (MW-1)

Initial Displacement: 1.108 ft                      Static Water Column Height: 56.43 ft  
 Total Well Penetration Depth: 4. ft                      Screen Length: 4. ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 0.73 ft/day                      y0 = 1.082 ft





MW-1 SLUG 2 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-1

AQUIFER DATA

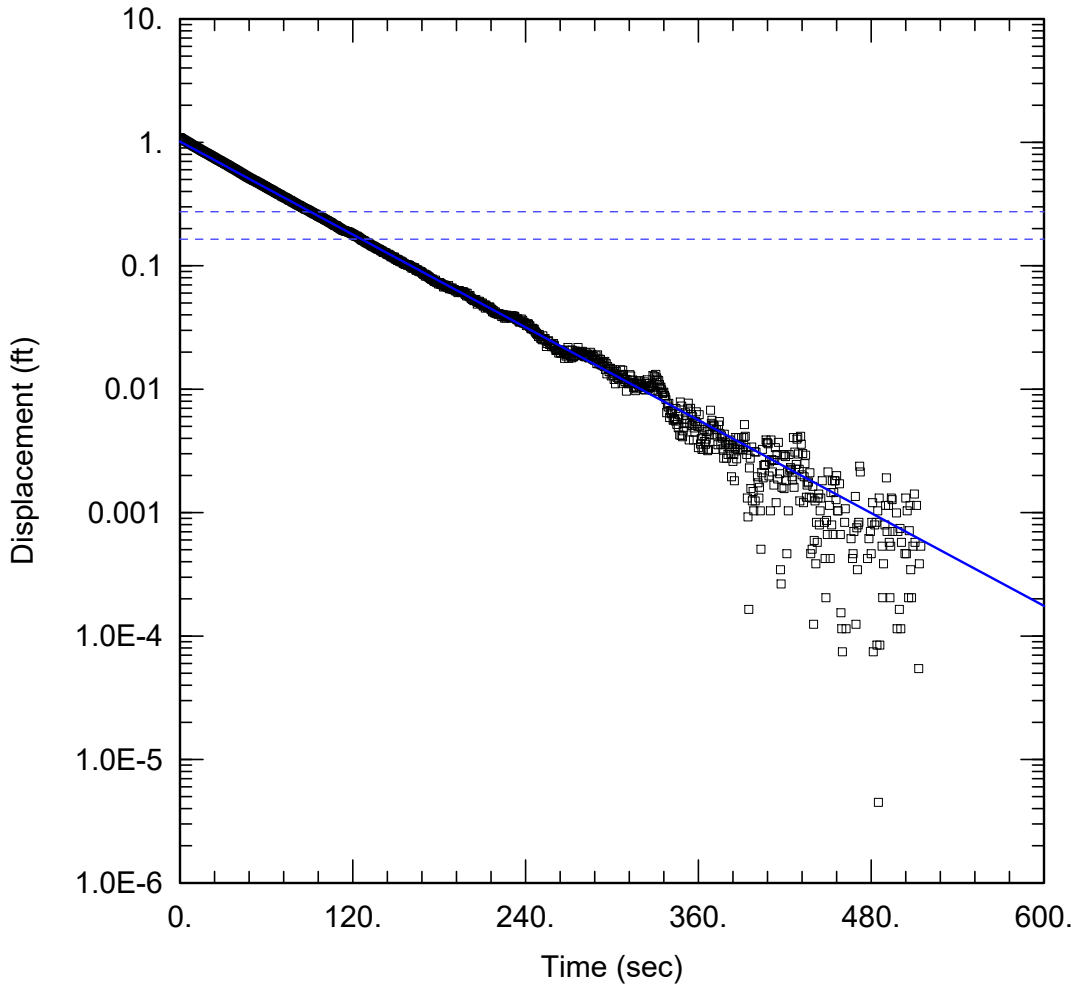
Saturated Thickness: 4. ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (MW-1)

Initial Displacement: 1.245 ft                      Static Water Column Height: 56.43 ft  
 Total Well Penetration Depth: 4. ft                      Screen Length: 4. ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 0.7626$  ft/day                       $y_0 = 1.116$  ft



MW-1 SLUG 3 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-1

AQUIFER DATA

Saturated Thickness: 4. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1)

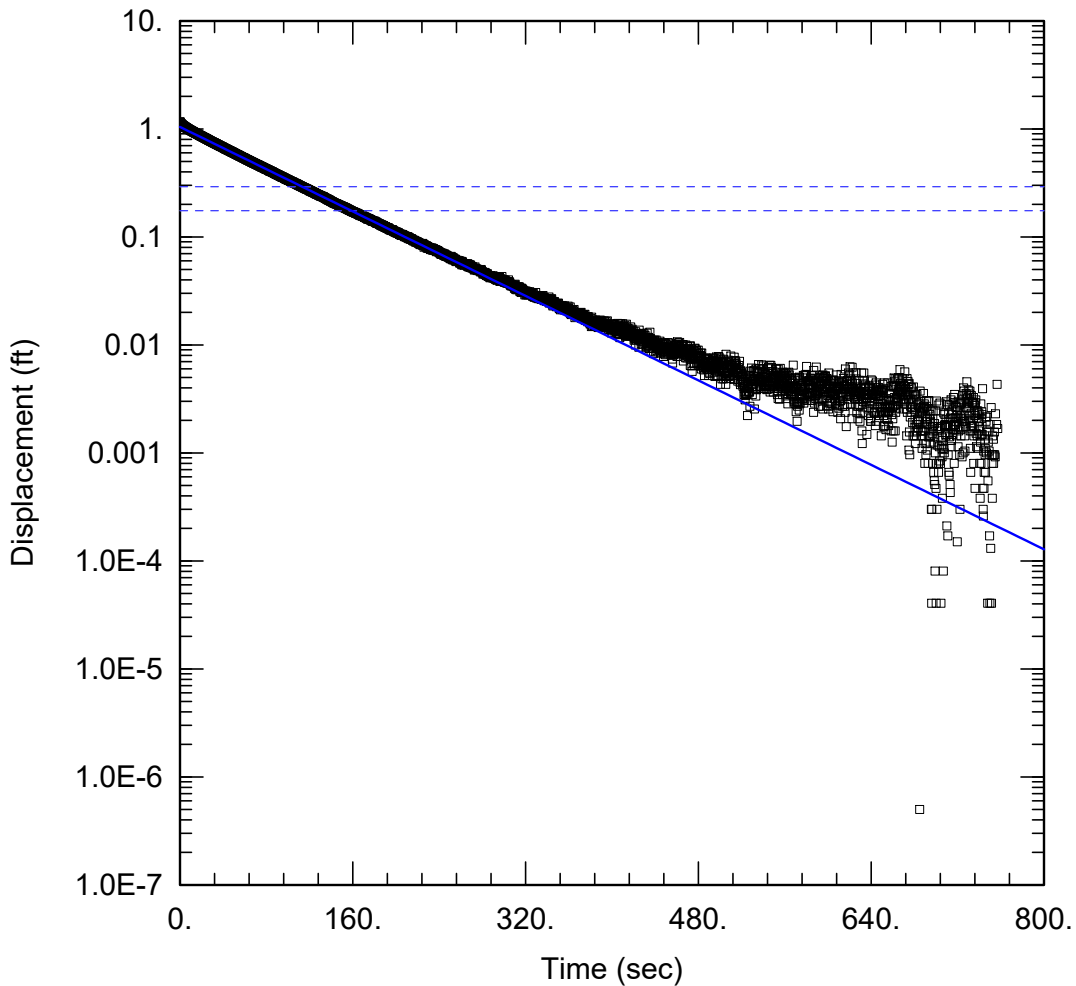
Initial Displacement: 1.094 ft Static Water Column Height: 56.43 ft  
 Total Well Penetration Depth: 4. ft Screen Length: 4. ft  
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev  
 K = 0.717 ft/day  $y_0 = \underline{1.014 ft}$







MW-2 SLUG 1 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-2

AQUIFER DATA

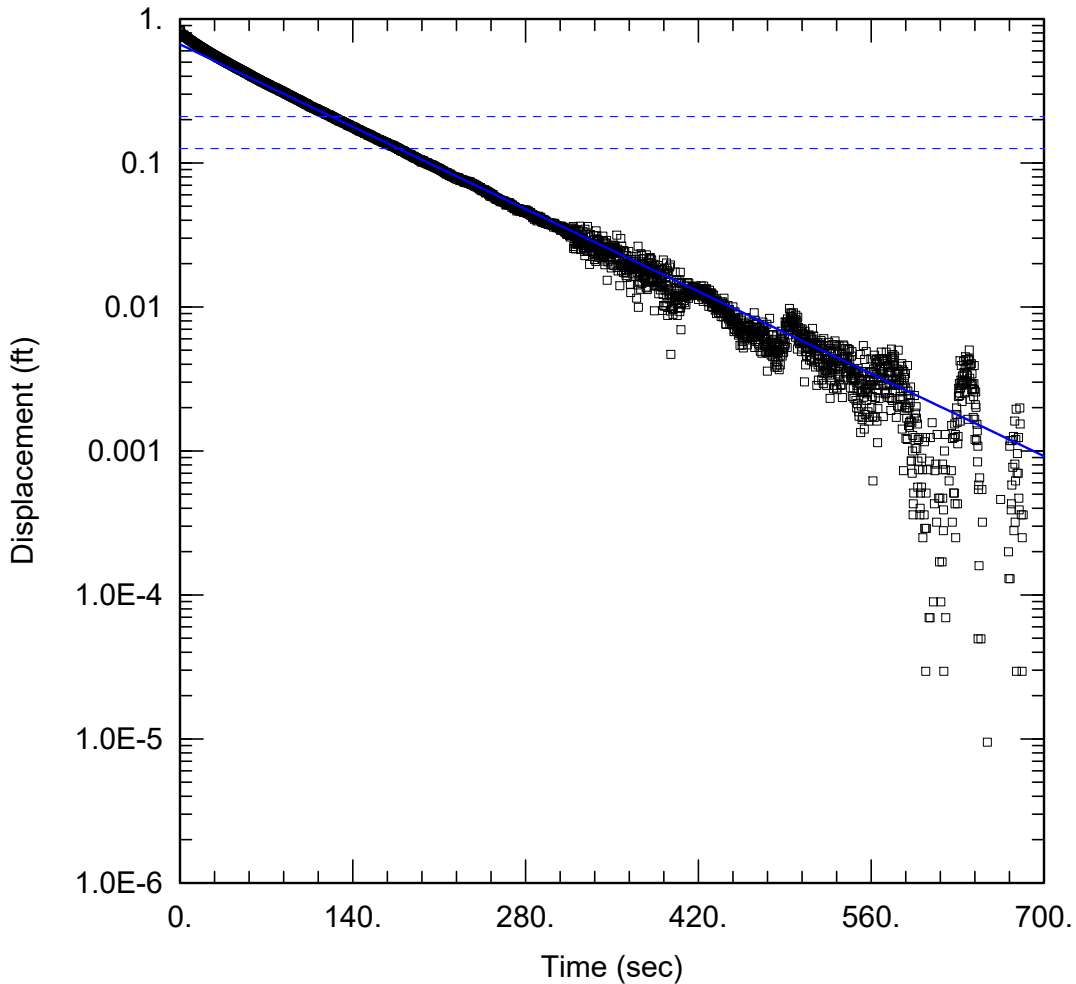
Saturated Thickness: 11.5 ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (MW-2)

Initial Displacement: 1.166 ft                      Static Water Column Height: 54.96 ft  
 Total Well Penetration Depth: 11.5 ft                      Screen Length: 9.5 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 0.5079$  ft/day                       $y_0 = 1.043$  ft



MW-2 SLUG 2 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-2

AQUIFER DATA

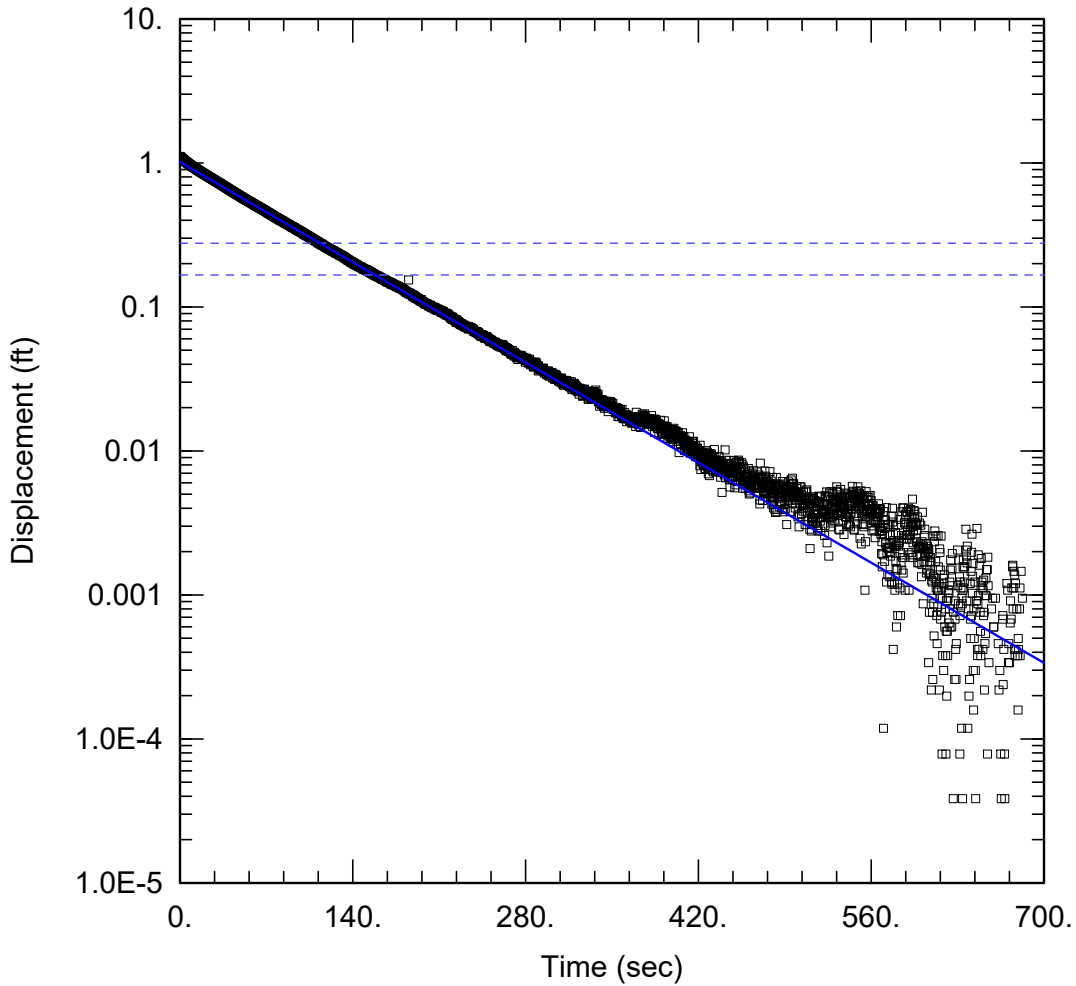
Saturated Thickness: 11.5 ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (MW-2)

Initial Displacement: 0.8379 ft                      Static Water Column Height: 54.96 ft  
 Total Well Penetration Depth: 11.5 ft                      Screen Length: 9.5 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 0.4243$  ft/day                       $y_0 = 0.6656$  ft



MW-2 SLUG 2 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-2

AQUIFER DATA

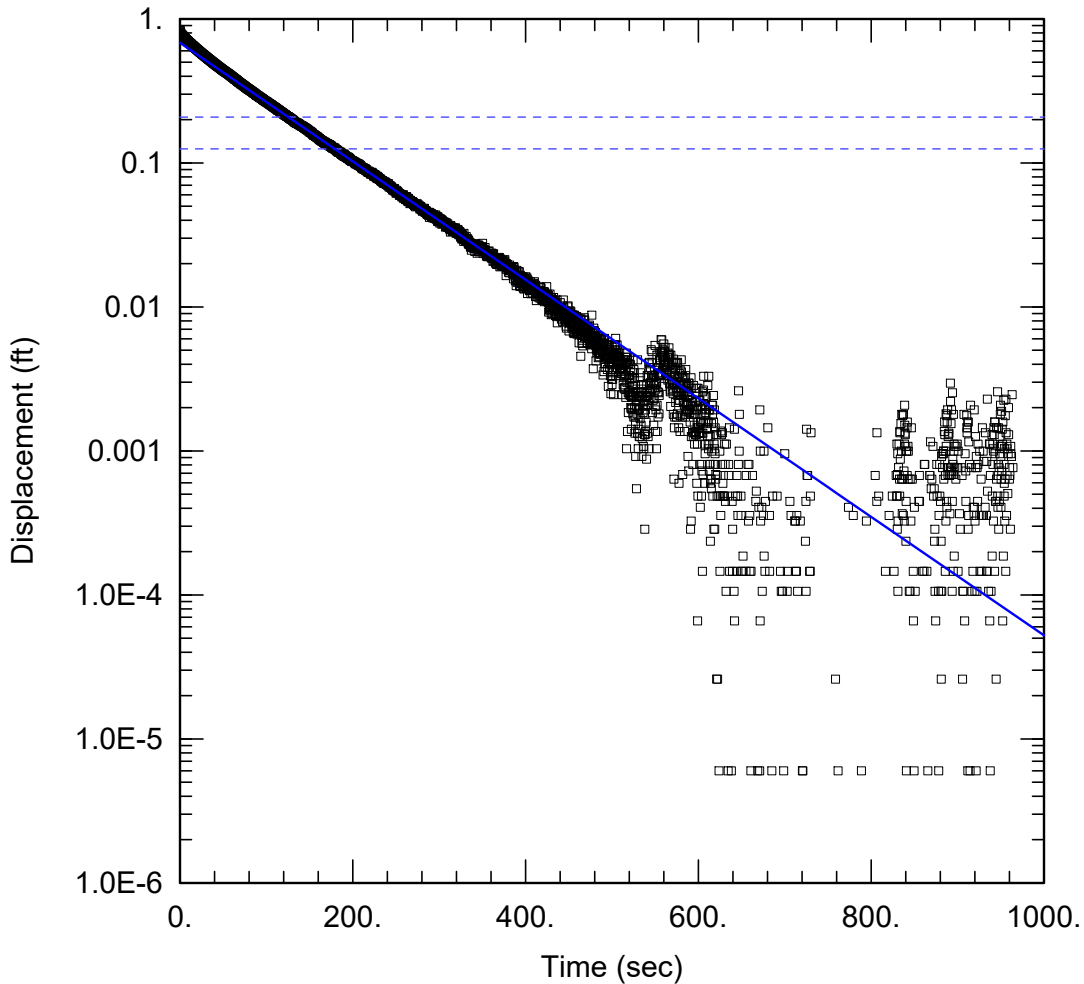
Saturated Thickness: 11.5 ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-2)

Initial Displacement: 1.11 ft                      Static Water Column Height: 54.96 ft  
 Total Well Penetration Depth: 11.5 ft                      Screen Length: 9.5 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 0.5163 ft/day                       $y_0 =$  1.016 ft



MW-2 SLUG 3 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-2

AQUIFER DATA

Saturated Thickness: 11.5 ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (MW-2)

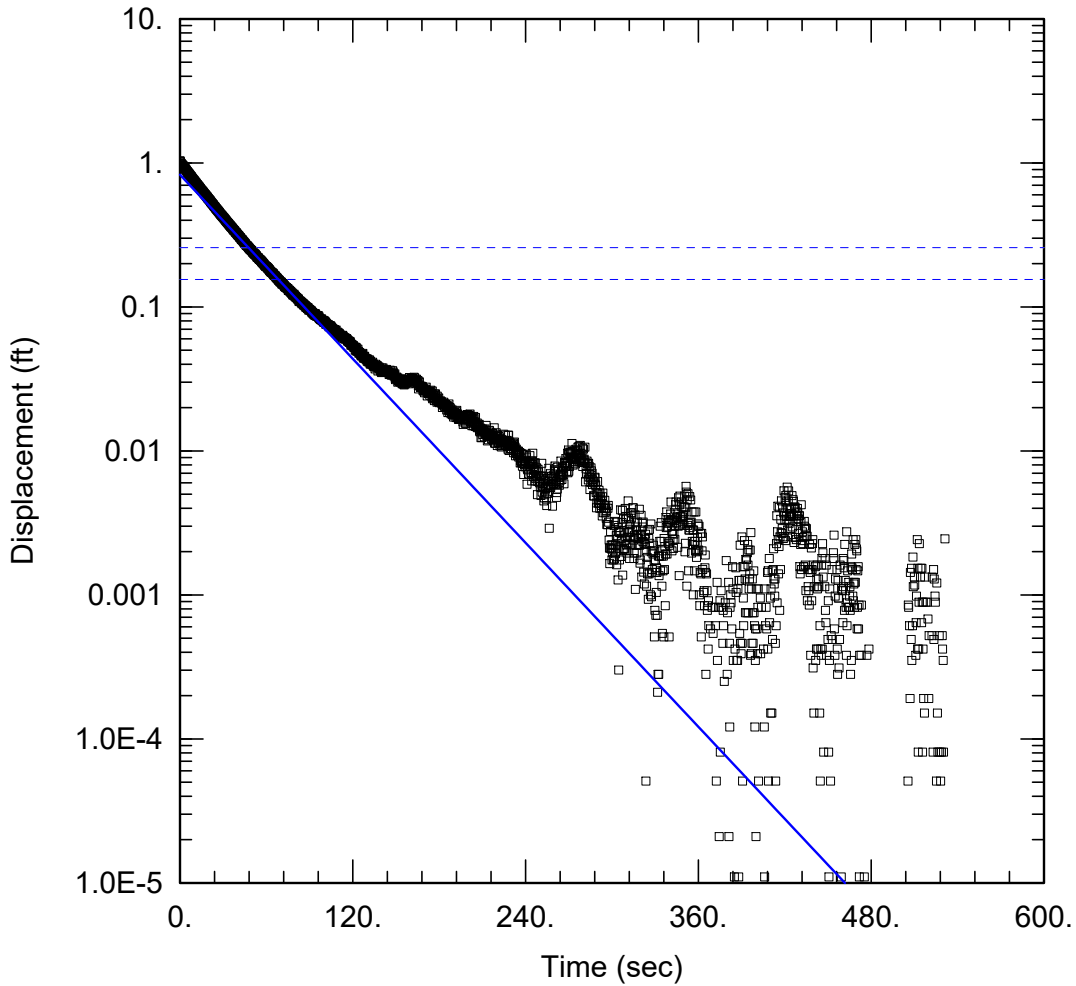
Initial Displacement: 0.8333 ft                      Static Water Column Height: 54.96 ft  
 Total Well Penetration Depth: 11.5 ft                      Screen Length: 9.5 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 0.4275$  ft/day                       $y_0 = 0.6825$  ft







MW-3 SLUG 1 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-3

AQUIFER DATA

Saturated Thickness: 2. ft                      Anisotropy Ratio (Kz/Kr): 0.1

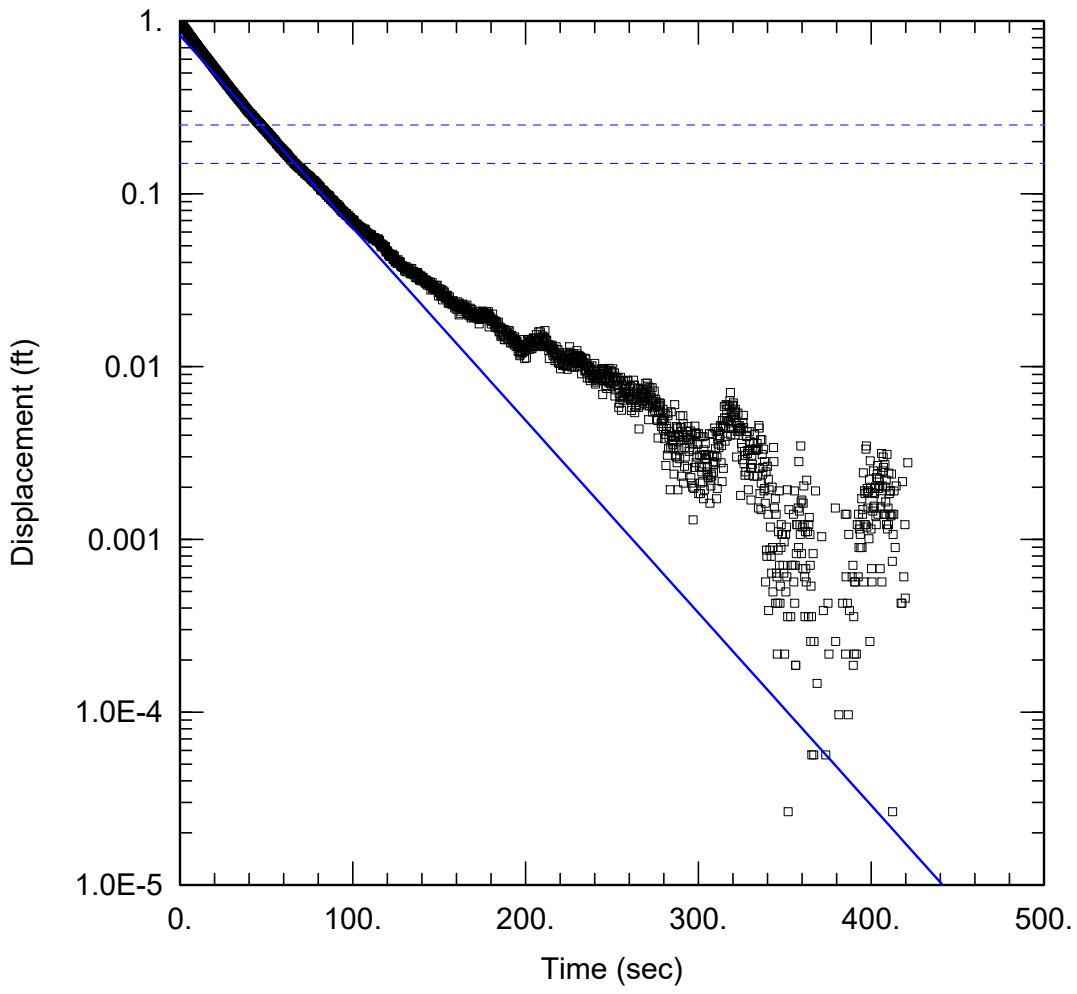
WELL DATA (MW-3)

Initial Displacement: 1.033 ft                      Static Water Column Height: 37.05 ft  
 Total Well Penetration Depth: 2. ft                      Screen Length: 2. ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

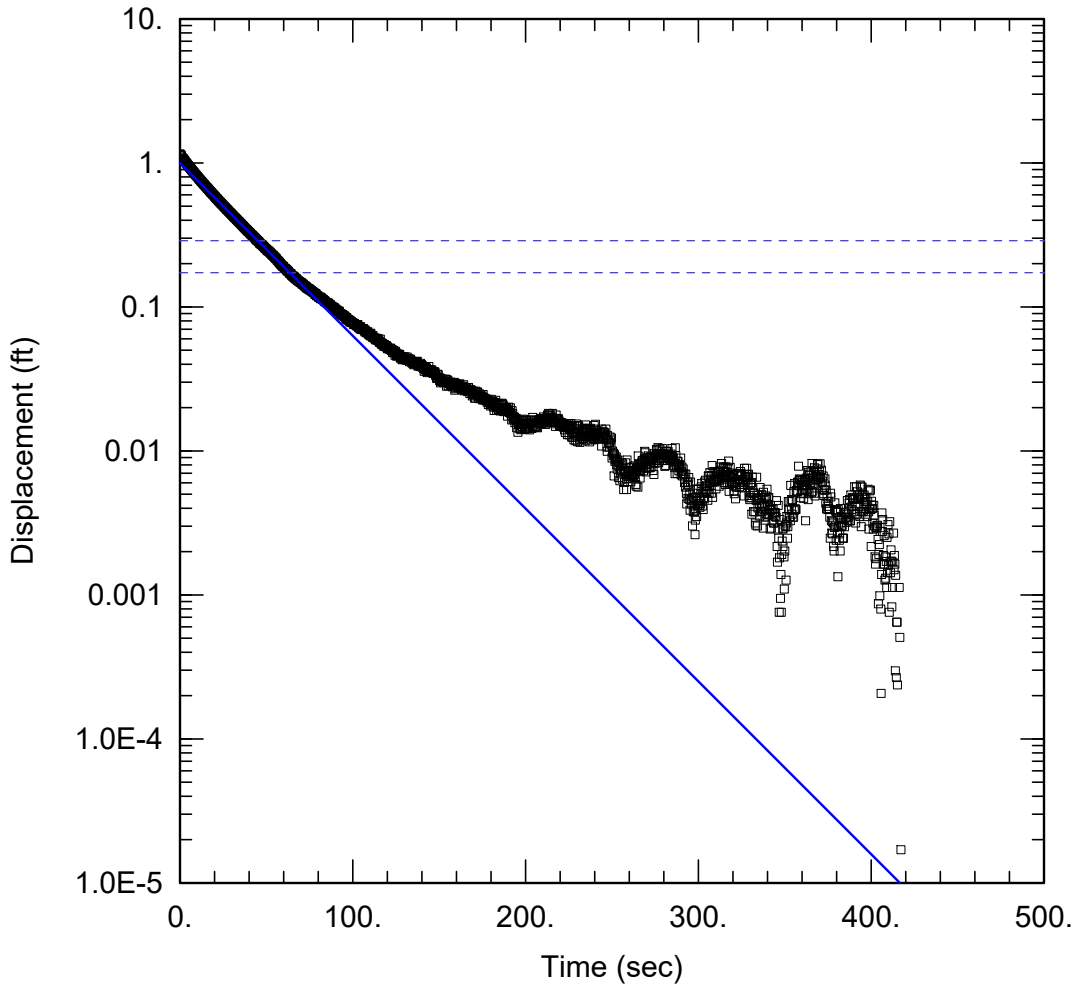
SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 4.569 ft/day                       $y_0 =$  0.828 ft

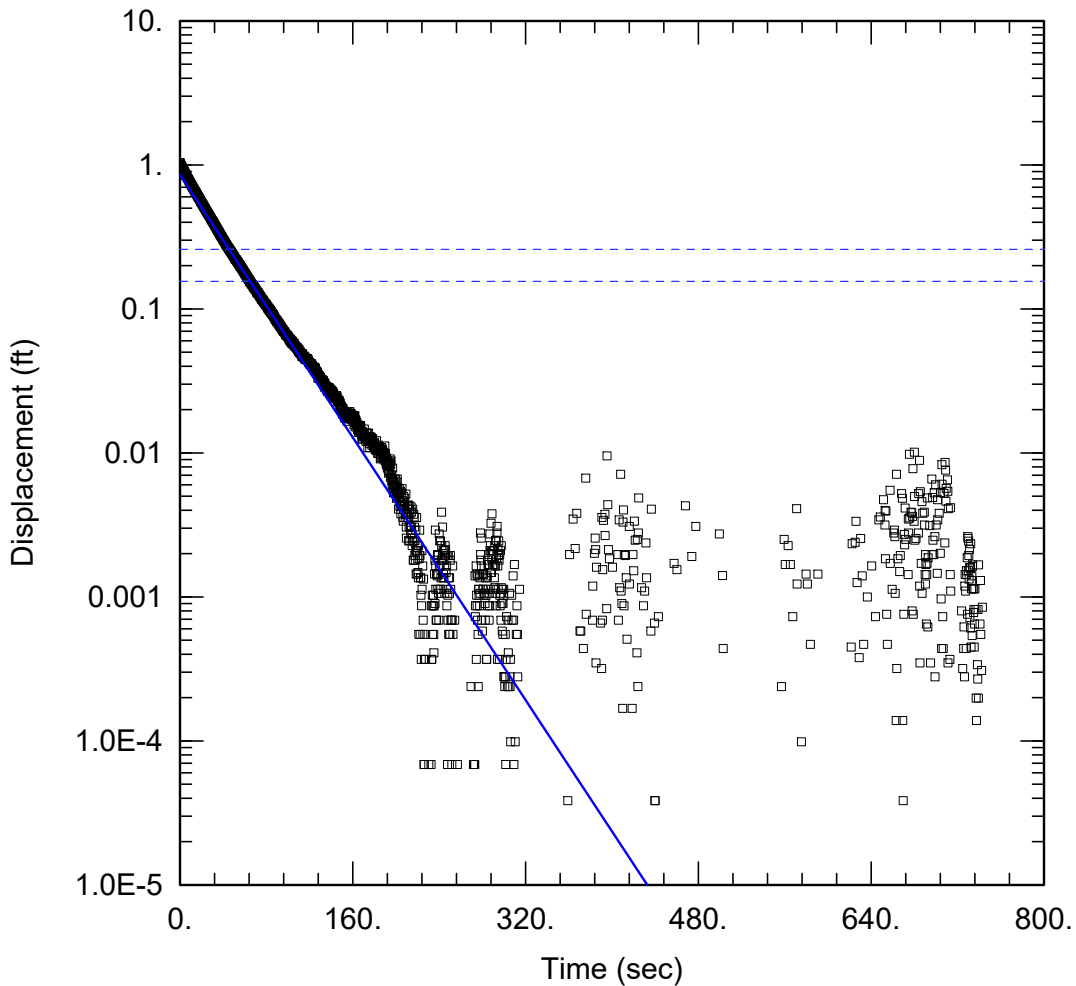




<u>MW-3 SLUG 2 IN</u>	
<u>PROJECT INFORMATION</u>	
Company: <u>ERM</u> Project: <u>0526033</u> Location: <u>Hayes, Louisiana</u> Test Well: <u>MW-3</u>	
<u>AQUIFER DATA</u>	
Saturated Thickness: <u>2. ft</u>	Anisotropy Ratio (Kz/Kr): <u>0.1</u>
<u>WELL DATA (MW-3)</u>	
Initial Displacement: <u>0.9994 ft</u> Total Well Penetration Depth: <u>2. ft</u> Casing Radius: <u>0.04167 ft</u>	Static Water Column Height: <u>37.05 ft</u> Screen Length: <u>2. ft</u> Well Radius: <u>0.1354 ft</u>
<u>SOLUTION</u>	
Aquifer Model: <u>Confined</u> K = <u>4.778 ft/day</u>	Solution Method: <u>Hvorslev</u> y0 = <u>0.8241 ft</u>



<u>MW-3 SLUG 2 OUT</u>	
<u>PROJECT INFORMATION</u>	
Company: <u>ERM</u> Project: <u>0526033</u> Location: <u>Hayes, Louisiana</u> Test Well: <u>MW-3</u>	
<u>AQUIFER DATA</u>	
Saturated Thickness: <u>2.</u> ft	Anisotropy Ratio (Kz/Kr): <u>0.1</u>
<u>WELL DATA (MW-3)</u>	
Initial Displacement: <u>1.151</u> ft	Static Water Column Height: <u>37.05</u> ft
Total Well Penetration Depth: <u>2.</u> ft	Screen Length: <u>2.</u> ft
Casing Radius: <u>0.04167</u> ft	Well Radius: <u>0.1354</u> ft
<u>SOLUTION</u>	
Aquifer Model: <u>Confined</u>	Solution Method: <u>Hvorslev</u>
K = <u>5.149</u> ft/day	y0 = <u>1.</u> ft



MW-3 SLUG 3 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-3

AQUIFER DATA

Saturated Thickness: 2. ft                      Anisotropy Ratio (Kz/Kr): 0.1

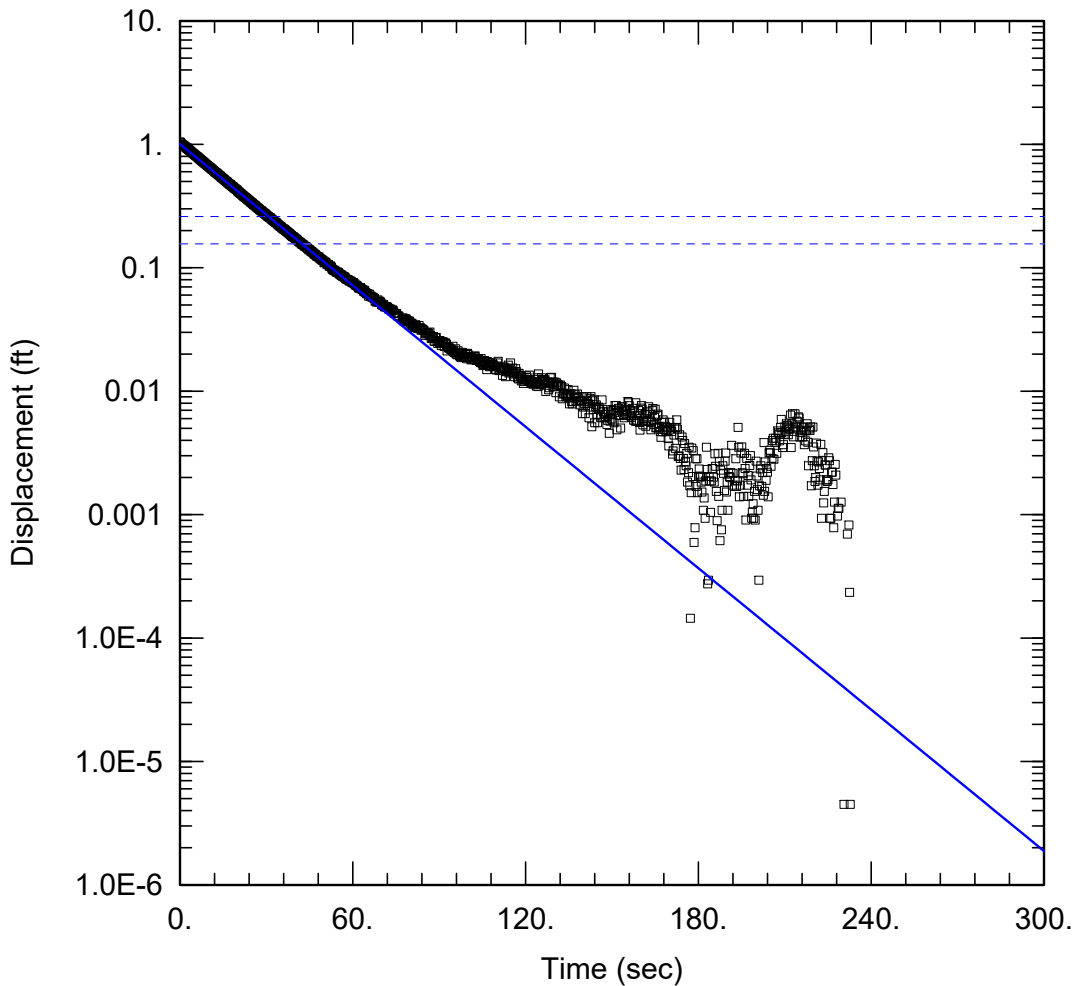
WELL DATA (MW-3)

Initial Displacement: 1.037 ft                      Static Water Column Height: 37.05 ft  
 Total Well Penetration Depth: 2. ft                      Screen Length: 2. ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 4.89 ft/day                      y0 = 0.8527 ft





MW-4 SLUG 1 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-4

AQUIFER DATA

Saturated Thickness: 1.45 ft                      Anisotropy Ratio (Kz/Kr): 0.1

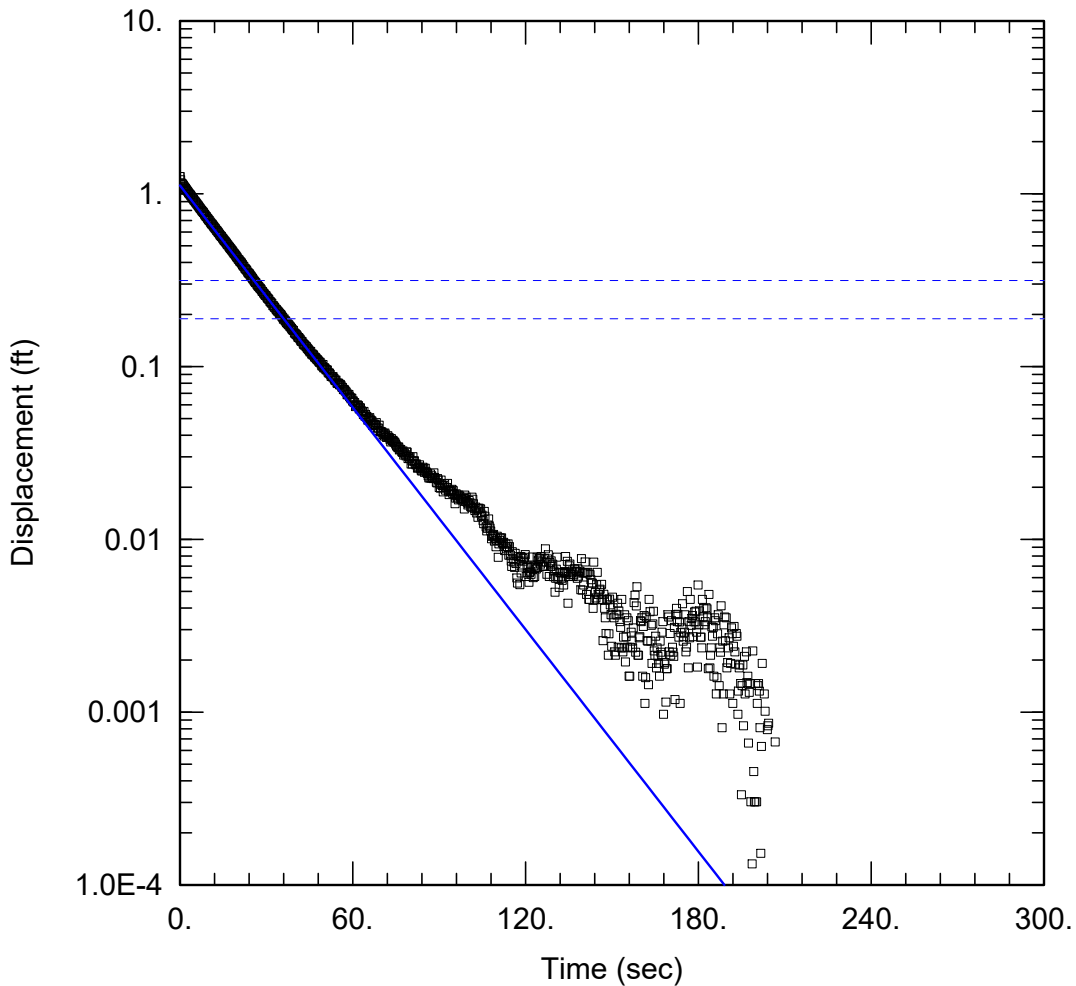
WELL DATA (MW-4)

Initial Displacement: 1.042 ft                      Static Water Column Height: 47.58 ft  
 Total Well Penetration Depth: 1.45 ft                      Screen Length: 1.45 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 11.3 ft/day                       $y_0 =$  1.007 ft





MW-4 SLUG 1 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-4

AQUIFER DATA

Saturated Thickness: 1.45 ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

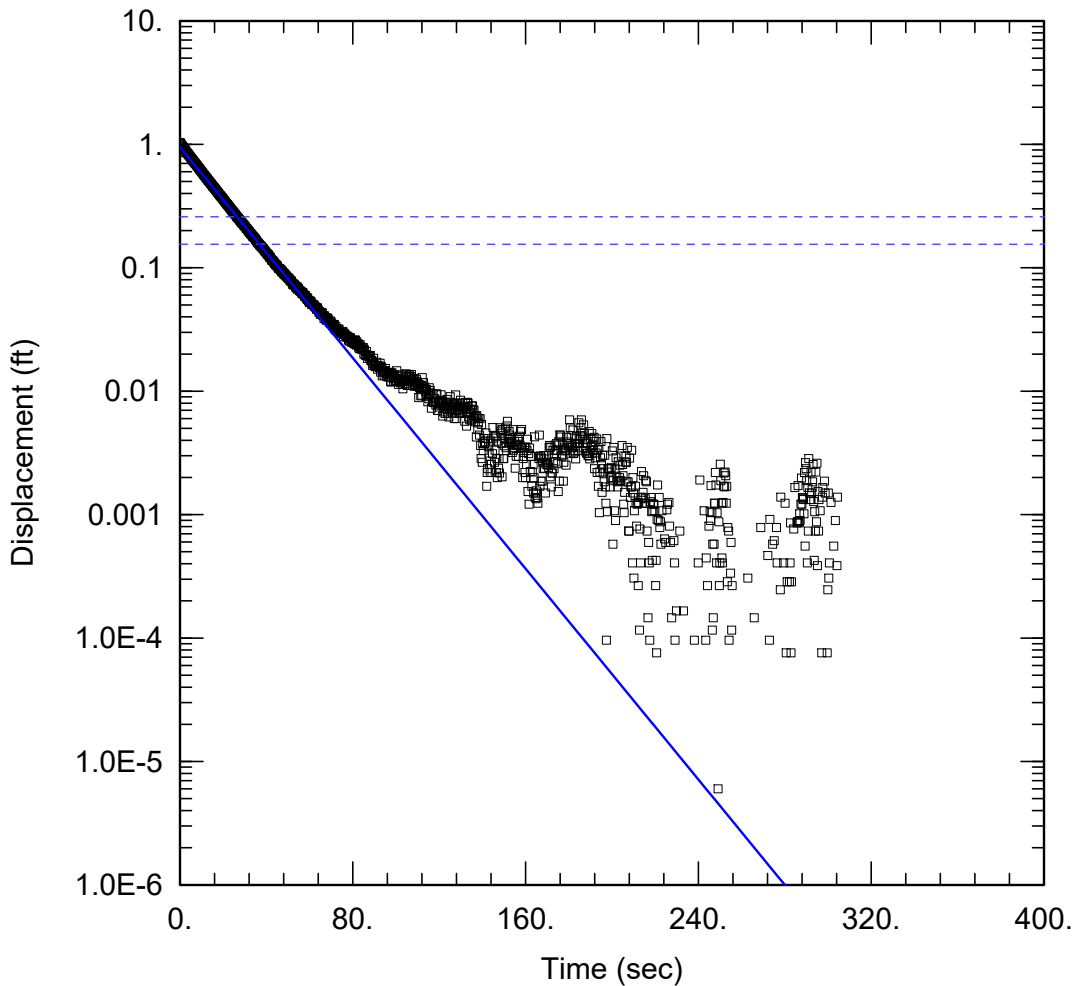
WELL DATA (MW-4)

Initial Displacement: 1.258 ft                      Static Water Column Height: 47.58 ft  
 Total Well Penetration Depth: 1.45 ft                      Screen Length: 1.45 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 12.67$  ft/day                       $y_0 = 1.115$  ft





MW-4 SLUG 2 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-4

AQUIFER DATA

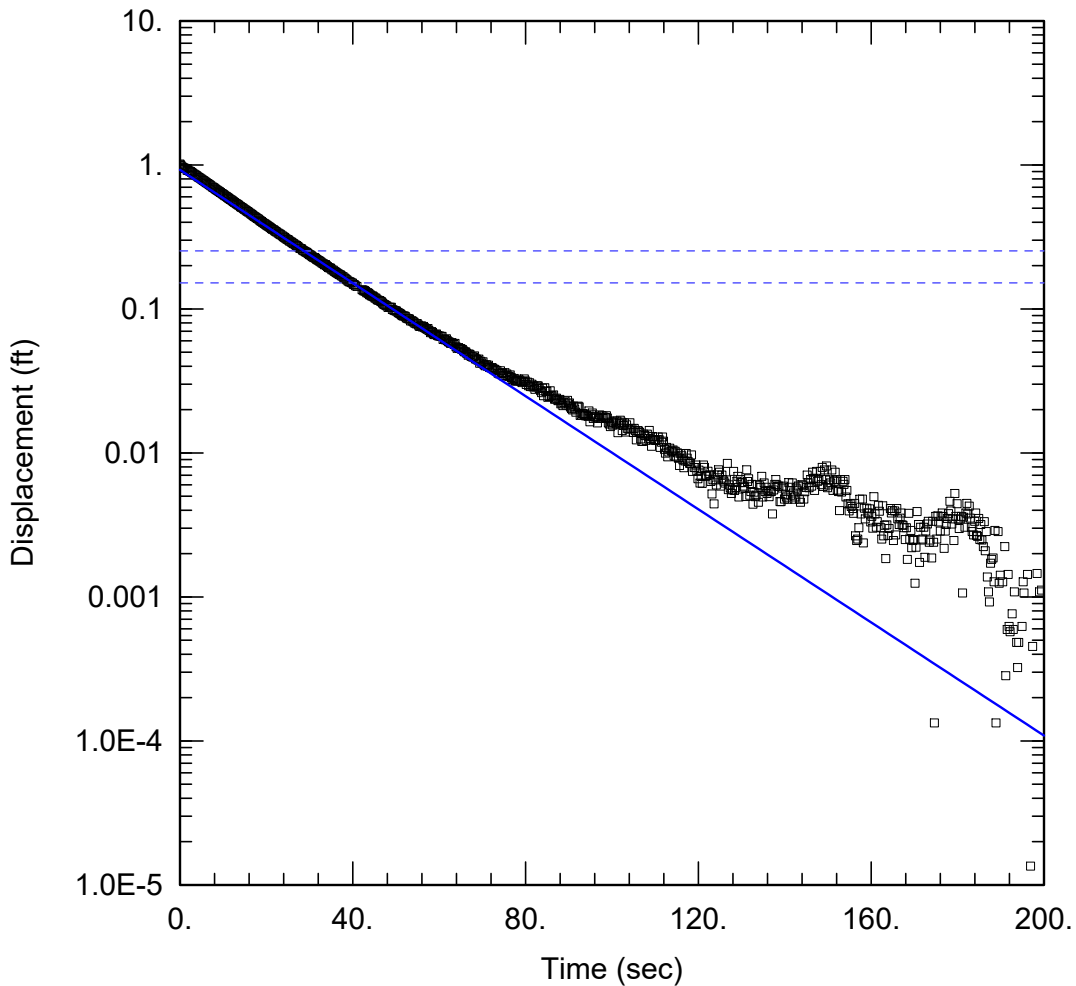
Saturated Thickness: 1.45 ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-4)

Initial Displacement: 1.033 ft                      Static Water Column Height: 47.58 ft  
 Total Well Penetration Depth: 1.45 ft              Screen Length: 1.45 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 12.63 ft/day                      y0 = 0.948 ft



MW-4 SLUG 3 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-4

AQUIFER DATA

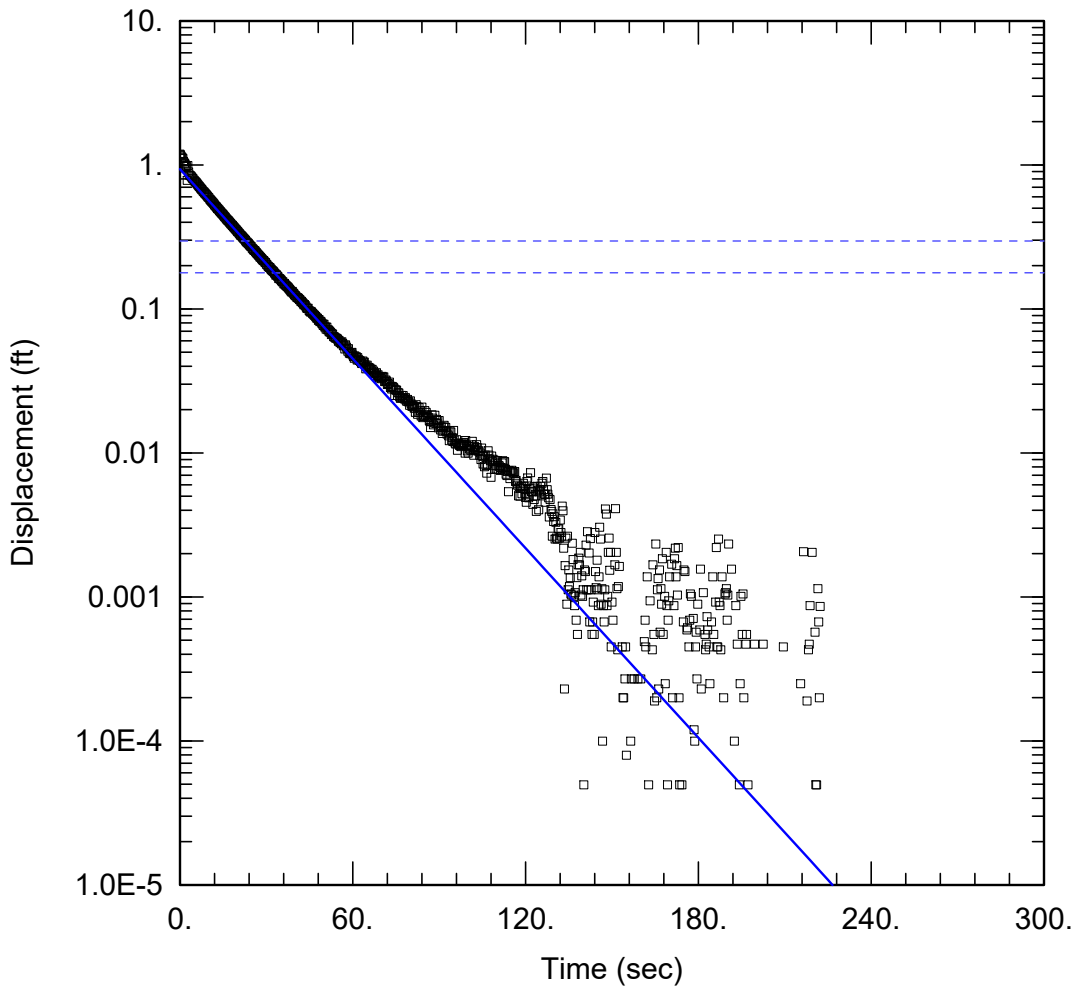
Saturated Thickness: 1.45 ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-4)

Initial Displacement: 1.011 ft                      Static Water Column Height: 47.58 ft  
 Total Well Penetration Depth: 1.45 ft                      Screen Length: 1.45 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 11.62 ft/day                      y0 = 0.9238 ft



MW-4 SLUG 3 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-4

AQUIFER DATA

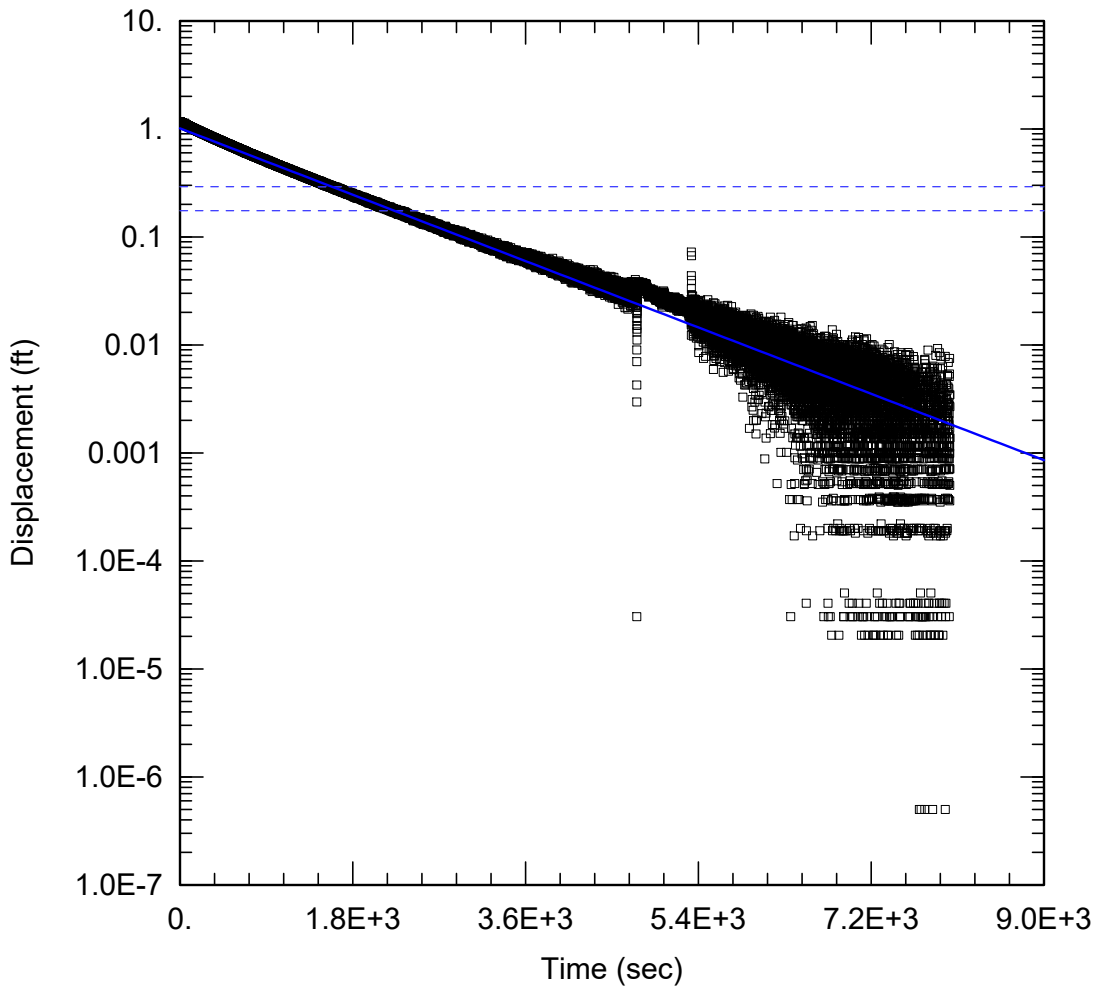
Saturated Thickness: 1.45 ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (MW-4)

Initial Displacement: 1.186 ft                      Static Water Column Height: 47.58 ft  
 Total Well Penetration Depth: 1.45 ft                      Screen Length: 1.45 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 12.98$  ft/day                       $y_0 = 0.9338$  ft



MW-5 SLUG 1 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-5

AQUIFER DATA

Saturated Thickness: 3. ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

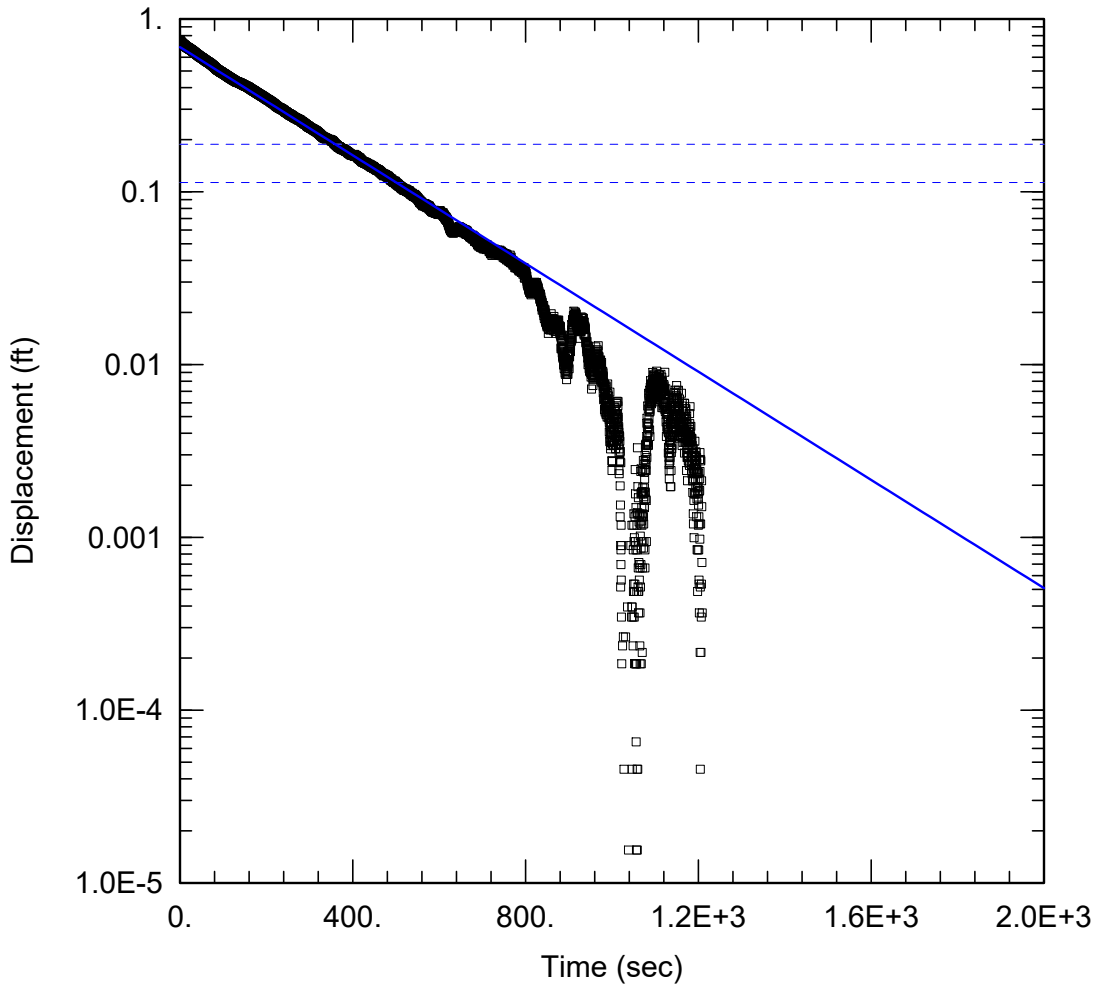
WELL DATA (MW-5)

Initial Displacement: 1.164 ft                      Static Water Column Height: 31.01 ft  
 Total Well Penetration Depth: 3. ft              Screen Length: 3. ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 0.05206 ft/day                       $y_0$  = 1.012 ft





MW-6 SLUG 1 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-6

AQUIFER DATA

Saturated Thickness: 4. ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-6)

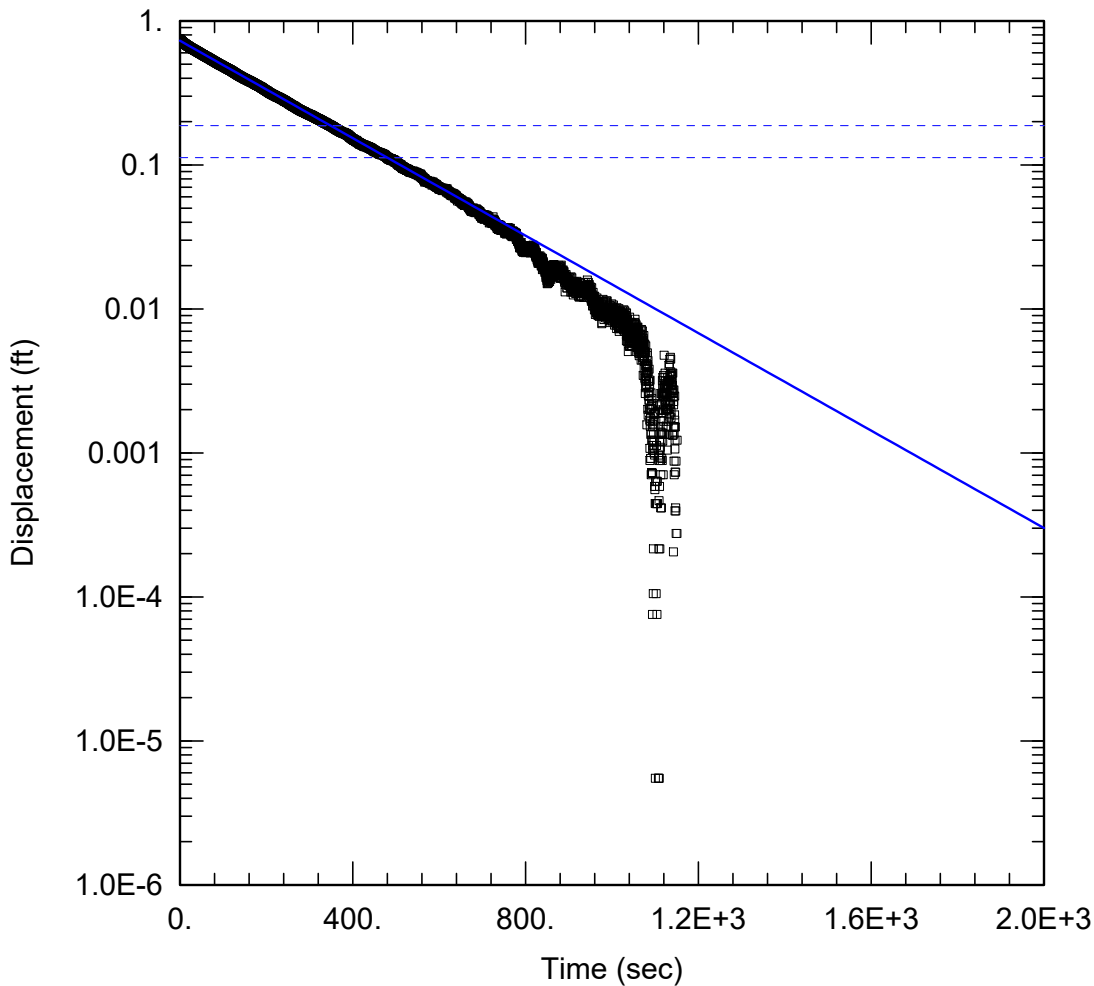
Initial Displacement: 0.7533 ft                      Static Water Column Height: 36.52 ft  
 Total Well Penetration Depth: 4. ft                      Screen Length: 4. ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 0.3358 ft/day                      y0 = 0.6871 ft



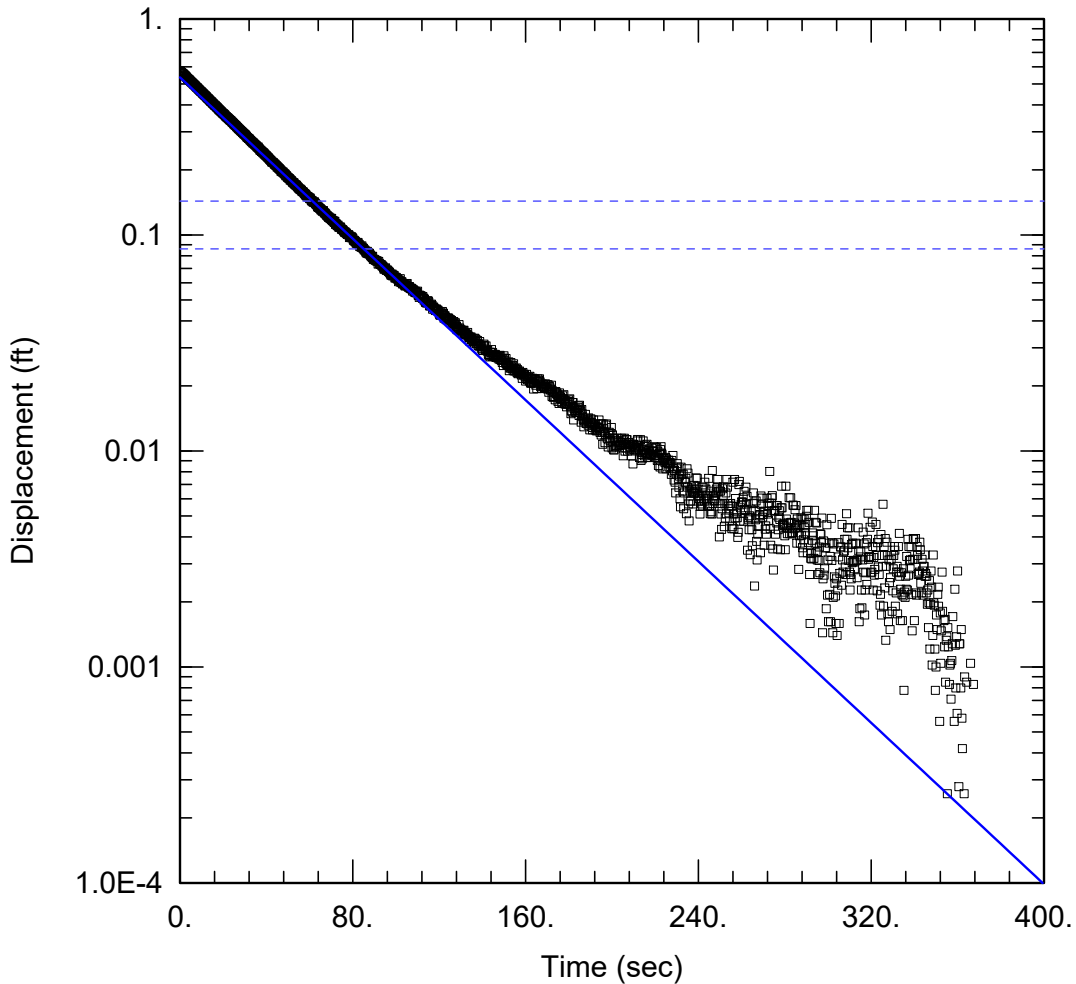




<u>MW-6 SLUG 2 OUT</u>	
<u>PROJECT INFORMATION</u>	
Company: <u>ERM</u> Project: <u>0526033</u> Location: <u>Hayes, Louisiana</u> Test Well: <u>MW-6</u>	
<u>AQUIFER DATA</u>	
Saturated Thickness: <u>4. ft</u>	Anisotropy Ratio (Kz/Kr): <u>0.1</u>
<u>WELL DATA (MW-6)</u>	
Initial Displacement: <u>0.7491 ft</u>	Static Water Column Height: <u>36.52 ft</u>
Total Well Penetration Depth: <u>4. ft</u>	Screen Length: <u>4. ft</u>
Casing Radius: <u>0.04167 ft</u>	Well Radius: <u>0.1354 ft</u>
<u>SOLUTION</u>	
Aquifer Model: <u>Confined</u>	Solution Method: <u>Hvorslev</u>
K = <u>0.363 ft/day</u>	y0 = <u>0.7287 ft</u>







MW-8 SLUG 1 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-8

AQUIFER DATA

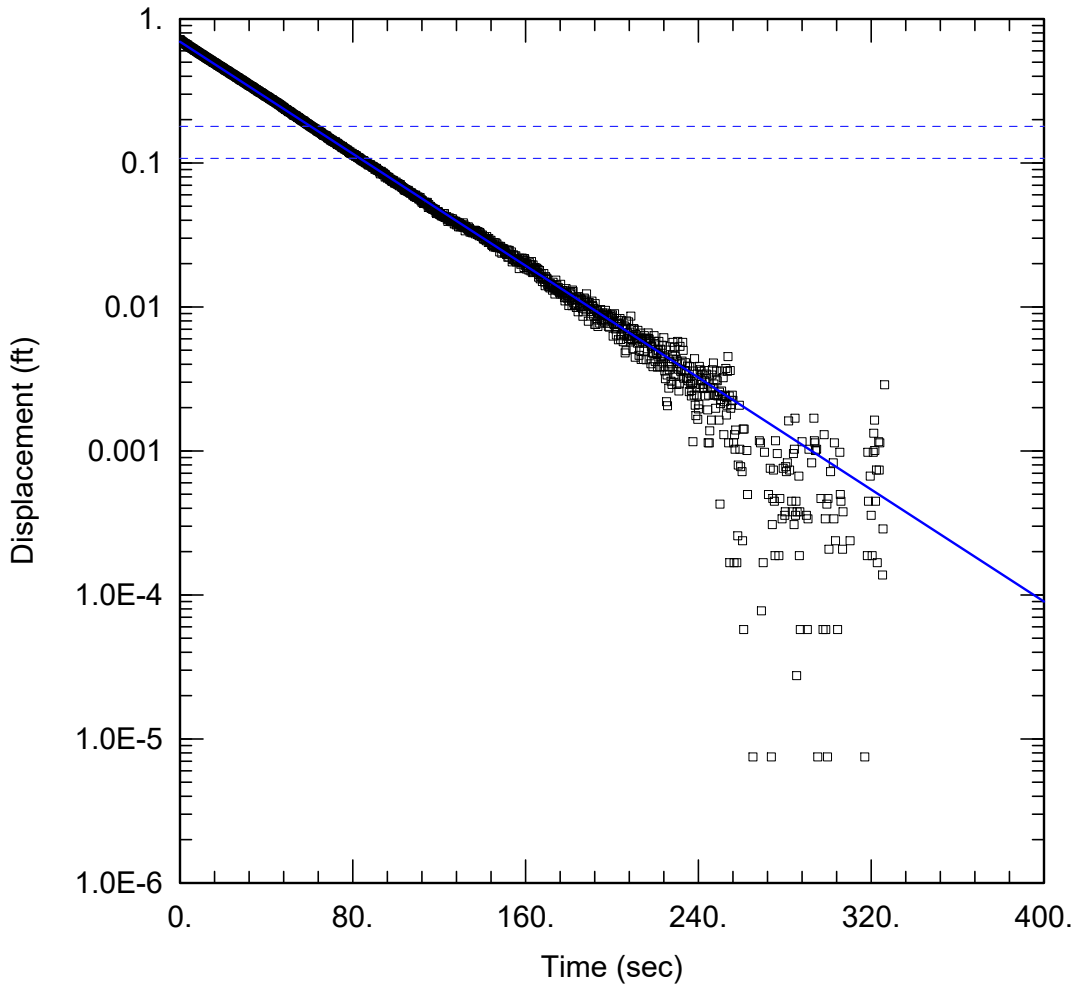
Saturated Thickness: 0.2 ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (MW-8)

Initial Displacement: 0.5739 ft                      Static Water Column Height: 47.84 ft  
 Total Well Penetration Depth: 0.2 ft                      Screen Length: 0.2 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 40.06$  ft/day                       $y_0 = 0.5364$  ft



MW-8 SLUG 1 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-8

AQUIFER DATA

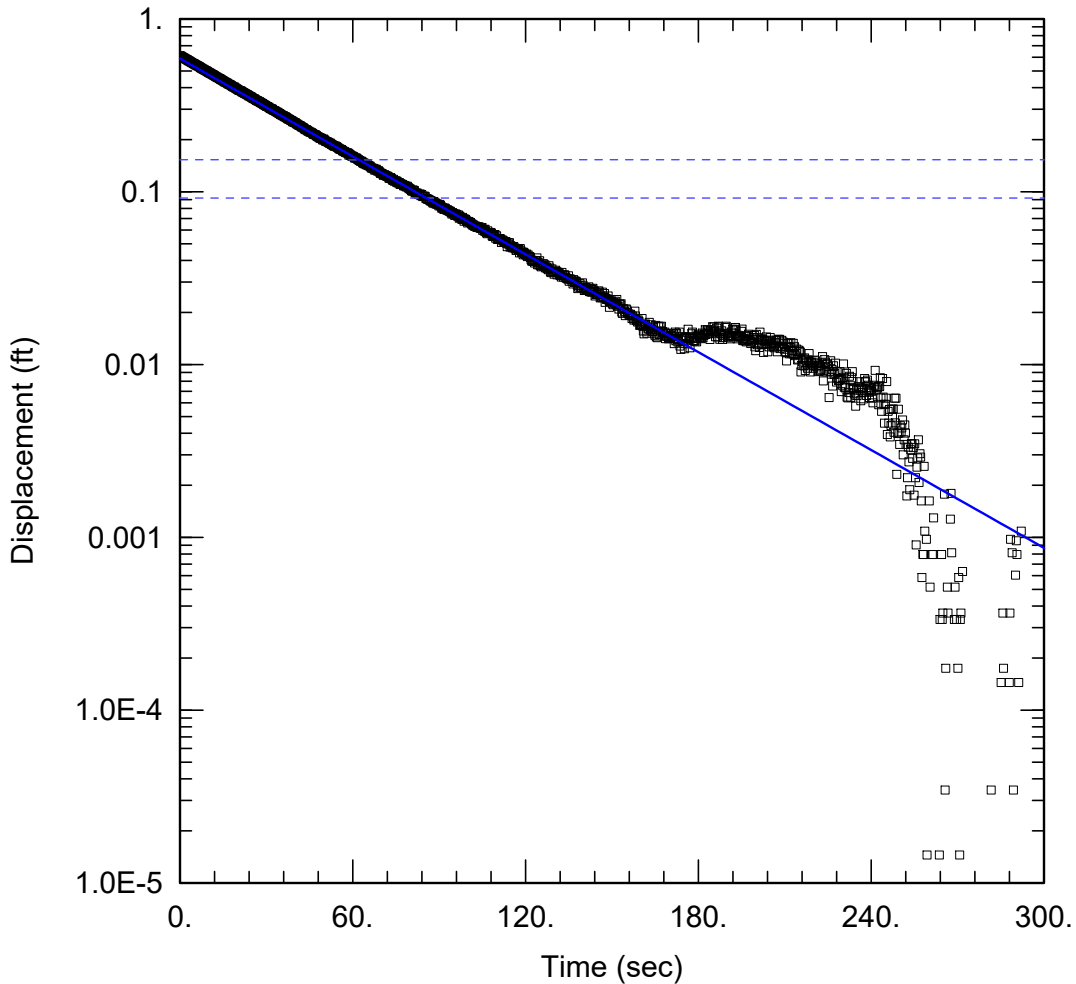
Saturated Thickness: 0.2 ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-8)

Initial Displacement: 0.7175 ft                      Static Water Column Height: 47.84 ft  
 Total Well Penetration Depth: 0.2 ft                      Screen Length: 0.2 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 41.69 ft/day                      y0 = 0.6942 ft



MW-8 SLUG 2 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-8

AQUIFER DATA

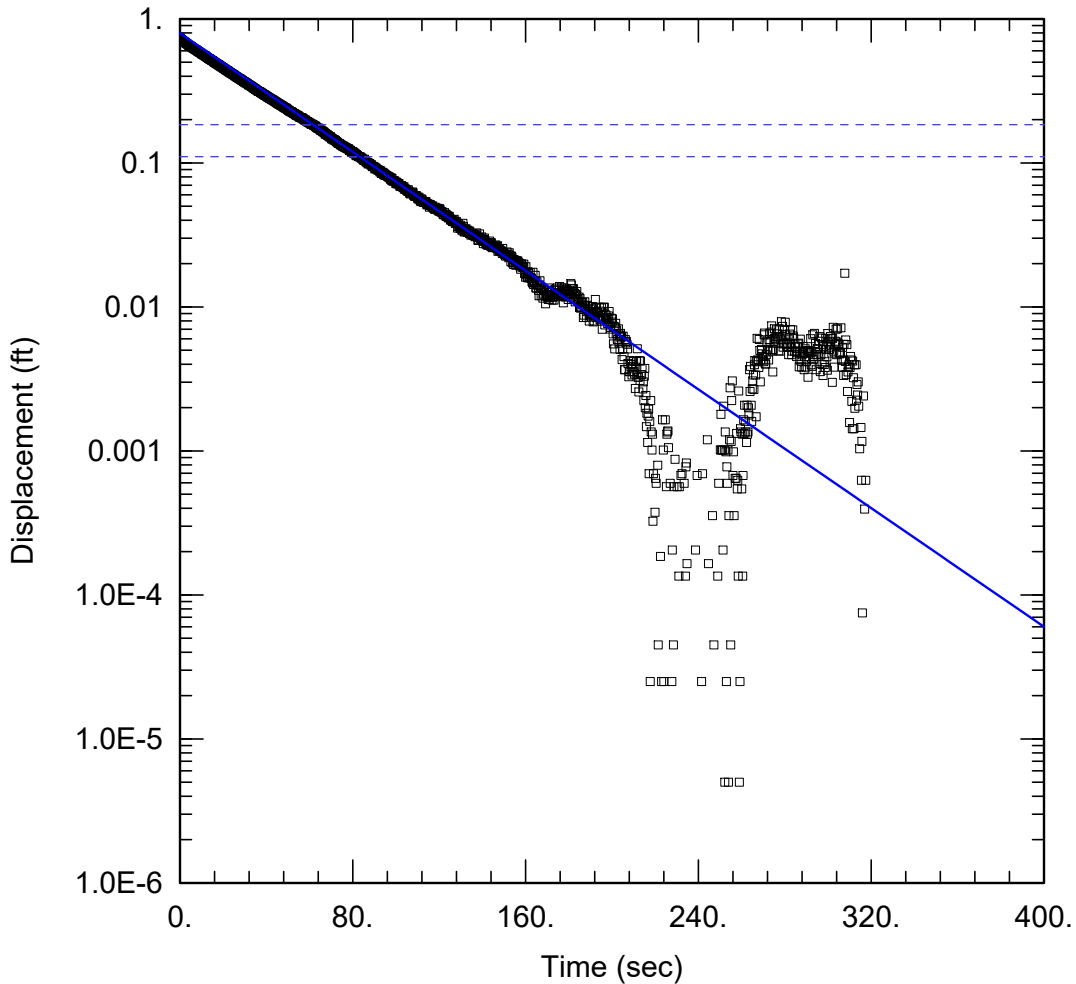
Saturated Thickness: 0.2 ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-8)

Initial Displacement: 0.6123 ft                      Static Water Column Height: 47.84 ft  
 Total Well Penetration Depth: 0.2 ft                      Screen Length: 0.2 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 40.49 ft/day                      y0 = 0.5898 ft



MW-8 SLUG 2 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-8

AQUIFER DATA

Saturated Thickness: 0.2 ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-8)

Initial Displacement: 0.7366 ft                      Static Water Column Height: 47.84 ft  
 Total Well Penetration Depth: 0.2 ft                      Screen Length: 0.2 ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

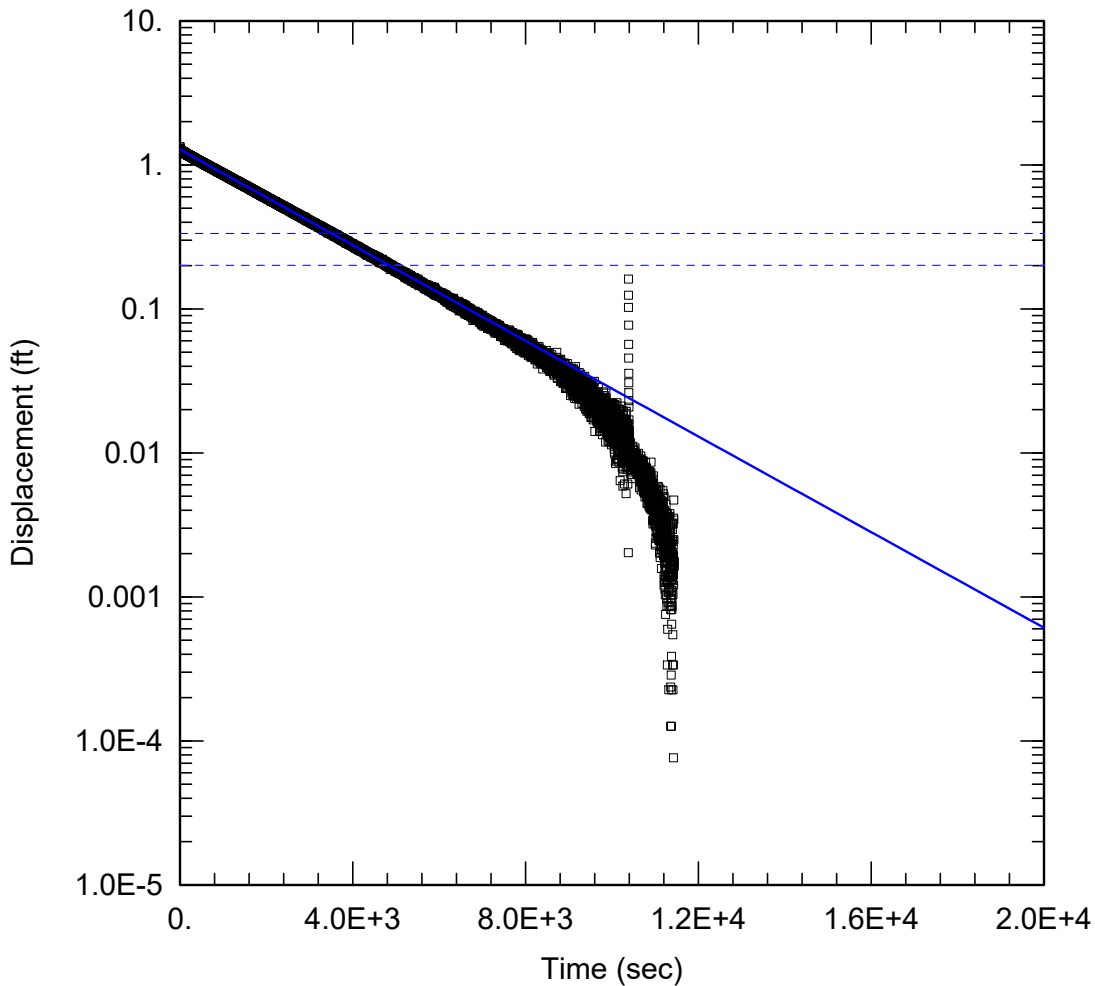
Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 44.2 ft/day                      y0 = 0.7945 ft











MW-9 SLUG 1 OUT

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-9

AQUIFER DATA

Saturated Thickness: 2. ft                      Anisotropy Ratio ( $K_z/K_r$ ): 0.1

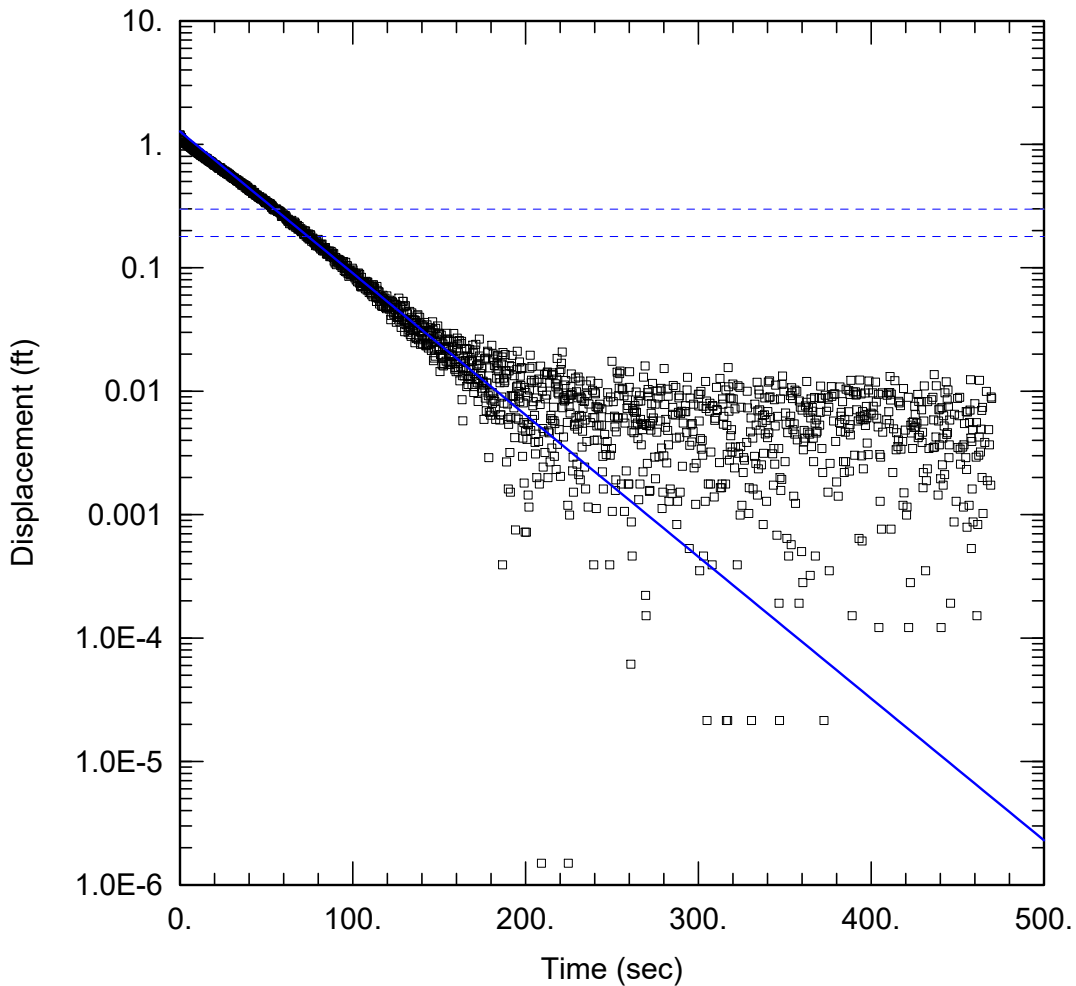
WELL DATA (MW-9)

Initial Displacement: 1.337 ft                      Static Water Column Height: 33.13 ft  
 Total Well Penetration Depth: 2. ft                      Screen Length: 2. ft  
 Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 $K = 0.03798$  ft/day                       $y_0 = 1.279$  ft





MW-9D SLUG 1 OUT

PROJECT INFORMATION

Company: ERM  
Project: 0526033  
Location: Hayes, Louisiana  
Test Well: MW-9D

AQUIFER DATA

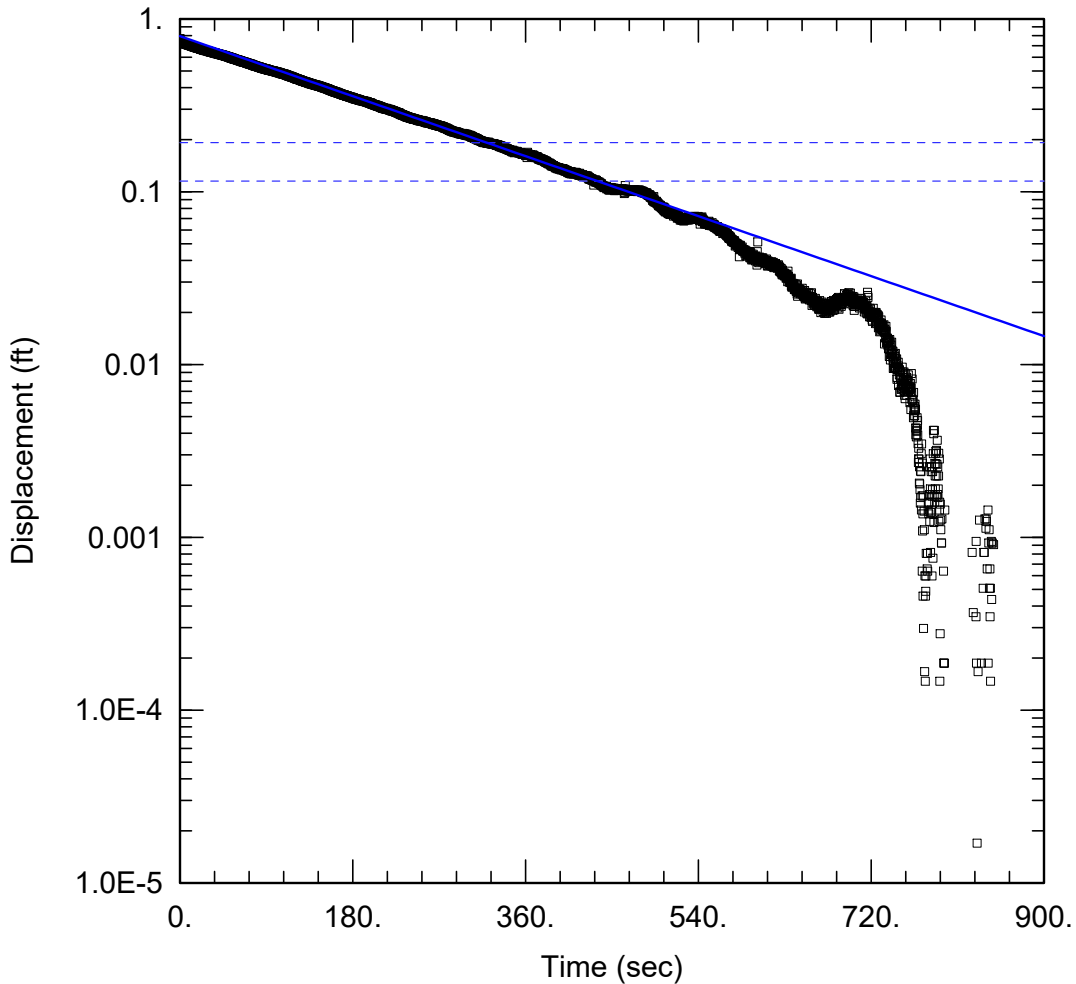
Saturated Thickness: 1.5 ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-9D)

Initial Displacement: 1.194 ft                      Static Water Column Height: 45.19 ft  
Total Well Penetration Depth: 1.5 ft                      Screen Length: 1.5 ft  
Casing Radius: 0.03125 ft                      Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
K = 3.503 ft/day                      y0 = 1.272 ft



MW-10 SLUG 1 IN

PROJECT INFORMATION

Company: ERM  
 Project: 0526033  
 Location: Hayes, Louisiana  
 Test Well: MW-10

AQUIFER DATA

Saturated Thickness: 4. ft                      Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-10)

Initial Displacement: 0.7683 ft                      Static Water Column Height: 44.7 ft  
 Total Well Penetration Depth: 4. ft                      Screen Length: 4. ft  
 Casing Radius: 0.04167 ft                      Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined                      Solution Method: Hvorslev  
 K = 0.4137 ft/day                       $y_0 = \underline{0.7944 ft}$











